

**CHANGES TO EXISTING INVENTORIES
SR99 - CAROLINE COUNTY**

RTE #	CHANGE
CO 266	TIE @ 0.00 (see CO 62, MD 454 & MD 821)
MD 287	SL @ 0.44 ADD SL @ 0.59
MD 302	ADD SL @ 1.81
MD 304	ADD SL @ 0.02
MD 306	ADD "BEG. CO. MAINT." SIGN @ 0.00
MD 312	ADD SL @ 0.06 SIGNING CHANGES @ 1.42, 2.50, 2.87 & 8.06 TW @ 2.36 - 2.64 TW @ 11.38 - 11.41 PROP'D RD @ 9.87 IS RELOC'D. ENT TO SAND & GRAVEL PIT FORMERLY @ 9.90
MD 312-A	ADD YLD @ 0.04
MD 313 (pages 7 - 24)	SIGNING CHANGE @ 9.35 ADD SPUR @ 25.06 ADD FY @ 25.08 ADD SL's @ 28.79 & 28.91 DEL. SL @ 29.24 DEL TOWN HALL & PD @ 29.56 ADD SL's @ 30.05 & 30.20 DEL SL @ 30.08
MD 314-A	TW 0.00 - END
MD 315-A	TW 0.00 - END
MD 328	TW 1.20 - 6.30
MD 331-A	NC "LINCHESTER RD"
MD 404AL	ADD SL & E @ 0.08 ADD SL @ 0.56 TW 0.12 - 0.18 DEL SL @ 0.88
MD 404BU	TIE MD 474 @ 1.17 now MU 0170
MD 404-D	TW 0.00 - 0.02
MD 404-F	TW 0.05 - 0.08 ADD SPUR @ 0.07 TIE @ 0.08
MD 454	TIE @ 0.03 (see CO 62, CO 266 & MD 821) TW 0.03 - END
MD 485	TW 0.00 - END
MD 485-A	TW 0.00 - END
MD 617	TW 0.00 - END
MD 619	ADD TL @ 0.19 DEL TL @ 0.23 TW 0.48 - 0.67 ADD SL @ 0.72
MD 776	TW 0.47 - 0.68
MD 817-B	TW 0.03 - 0.39
MD 821	TIE @ 0.04 DEL SL @ 0.27 TIE @ 0.38 (see CO 62, CO 266 & MD 454)

'99' STATE REMITTANCE

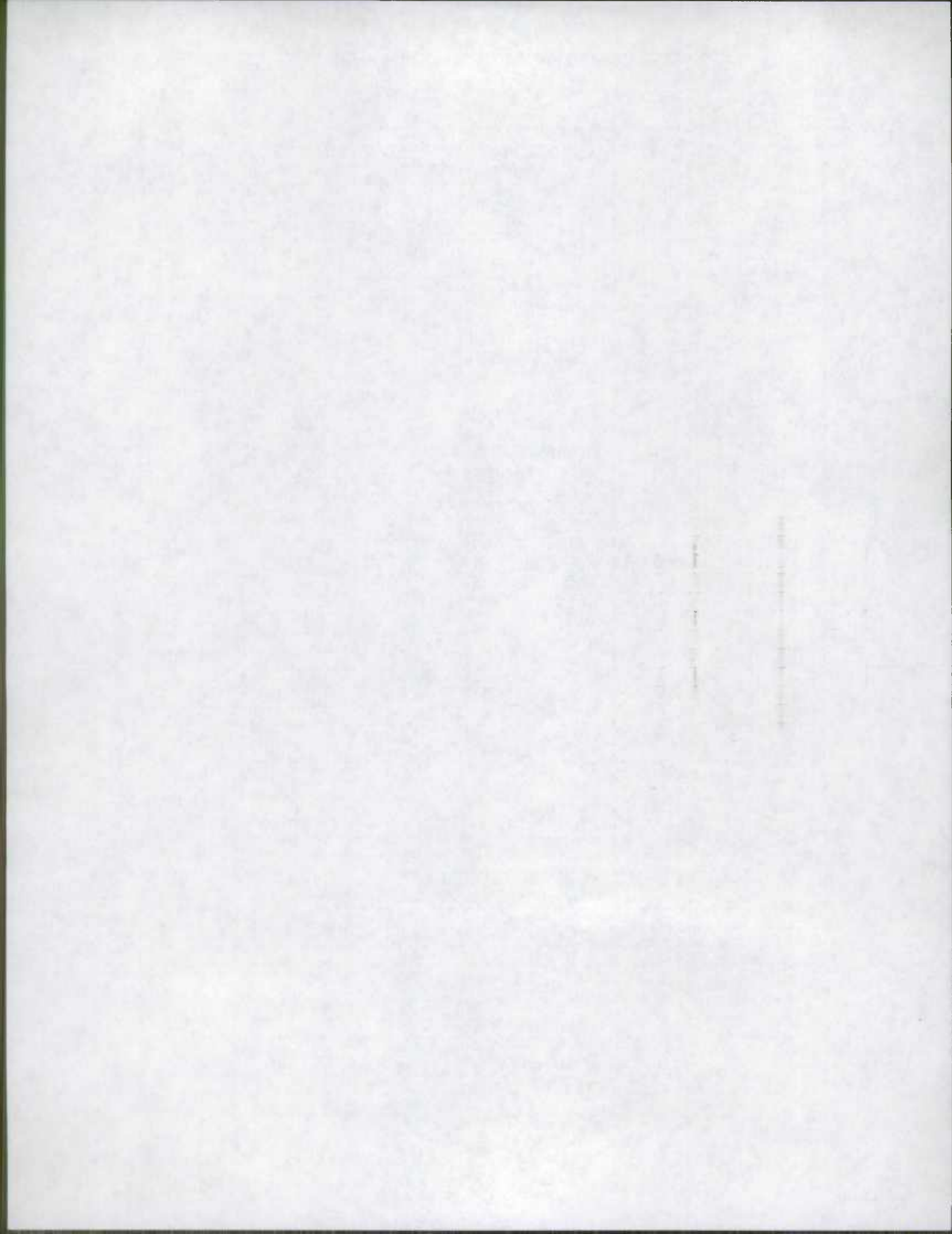
SR-99 CAROLINE COUNTY – REWRITES

RTE #	PAGES	CHANGES
CO 62	ALL	NEW TIE @ 0.00
MD 16	ALL	ADD SL @ 1.13
		ADD PVT RD @ 8.19
		TW 8.80 – 12.76
		RTL 15.93 - 1600
MD 16-A	ALL	TW 0.00 - END
MD 307	ALL	TW/RTLs/ADD ROUNDABOUT 0.47 0.56
MD 311	ALL	ADD SLs @ 0.65 & 0.73
		TW 2.88 – 2.96
MD 313 (see change list also)	3 – 6	ADD RTL/ACC 1.67 – 1.77
		RELOC BYPASS 2.23 – 2.29
		TW/ADD ROUNABOUT 2.91 – 2.95
		RELOC SPUR @ 3.42
MD 315	ALL	TW 0.09 – 0.19, 0.99 – 1.09, 1.81 - END
MD 318	ALL	SIGNING @ 4.57, 7.87, 9.12 & 10.57
		RTL 7.87 – 7.92
		TW 8.18 – 10.95
		NC NOW SIGNED @ 9.12
MD 331	ALL	RTL 0.56 – 0.63
		SIGNING @ MD 331-A
		ACCLN 0.71 – 0.77
		TW 1.23 – 1.86
		SIGNING @ 1.66
MD 404	ALL	RTL SHORTENED 0.63 – 0.65
		ADD BYPASS 1.88 – 1.94
		EXTEND ACC 7.77 – 7.81
		TW @ 9.82
		ADD SL @ 9.97 – 11.00
		ADD ACC/RTL 12.64 & 12.96 – 13.09
		ADD BYPASS 12.67 – 12.70 & 12.99 – 13.06
		EXTEND ACC 13.34 – 13.36
MD 404BU WBR	ALL	SIGNING CHANGE @ 16.54
		TW 1.01 – 1.09
MD 480	ALL	TIE @ 1.25 MD 474 now MU 0170
		TW 0.00 – 0.13
MD 619-B	ALL	TW 8.73 - END
		TW 0.00 – END
		RTL's 0.00 – END
		ADD SPUR @ 0.03

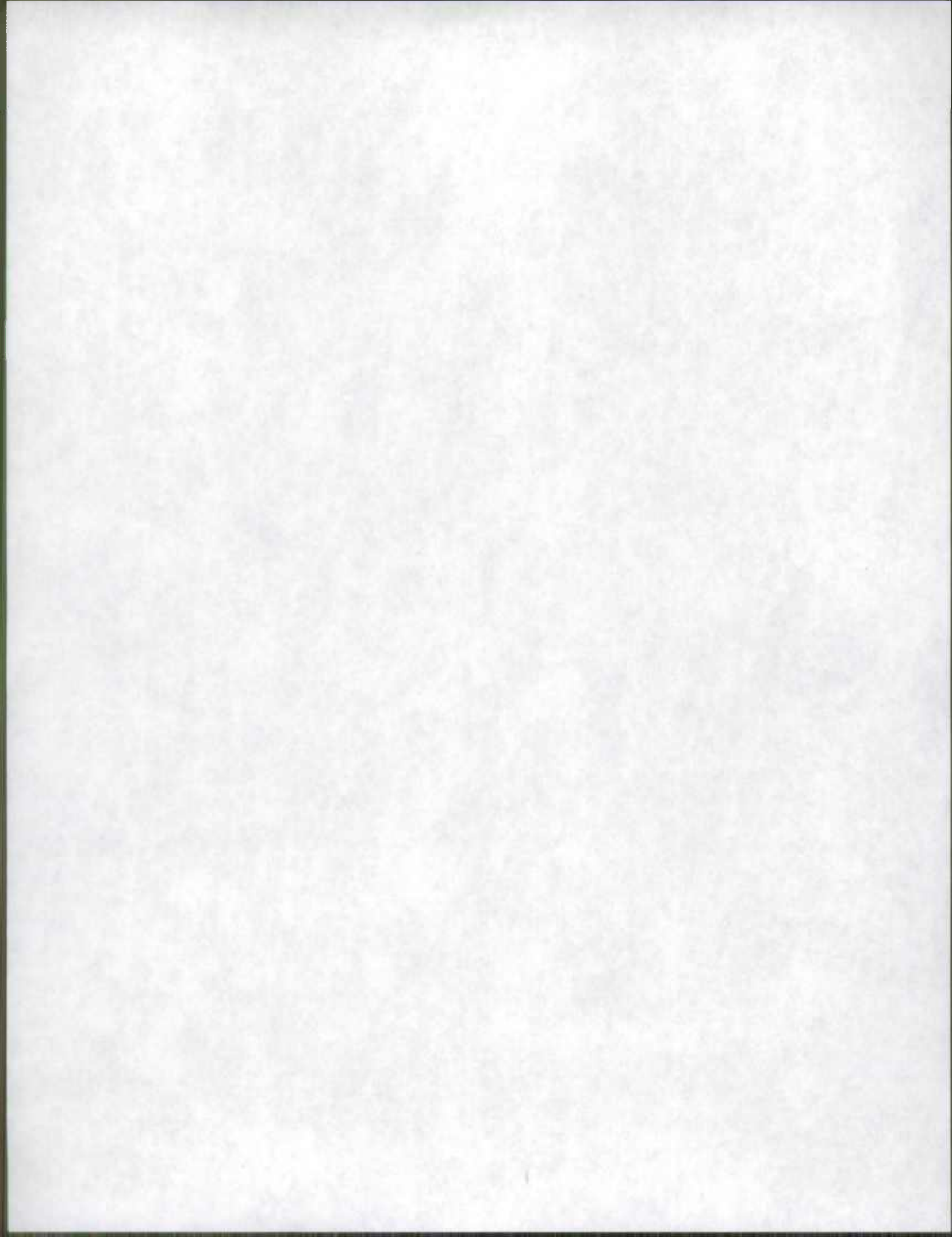
AS TAB ROADS

SR 99 – CAROLINE COUNTY

MD 308
MD 314 (UNDER CONSTRUCTION)
MD 317
MD 324
MD 404-C
MD 577
MD 578
MD 776-A
MD 817-A
MD 820



ROUTE #	SAMPLE #	Deleted sections	OLD / NEW M. LEPOINTS
MD 307	203070000000	2	was 0.00 to 1.53 now 0.00 to 1.50
MD 311	203110000345	1	was 3.35 to 5.47 now 3.39 to 5.47
MD 313	203130000298	1	was 2.93 to 3.39 now 2.95 to 3.39
MD 328	203280000000	2	was 0.00 to 4.63 now 0.00 to 1.20

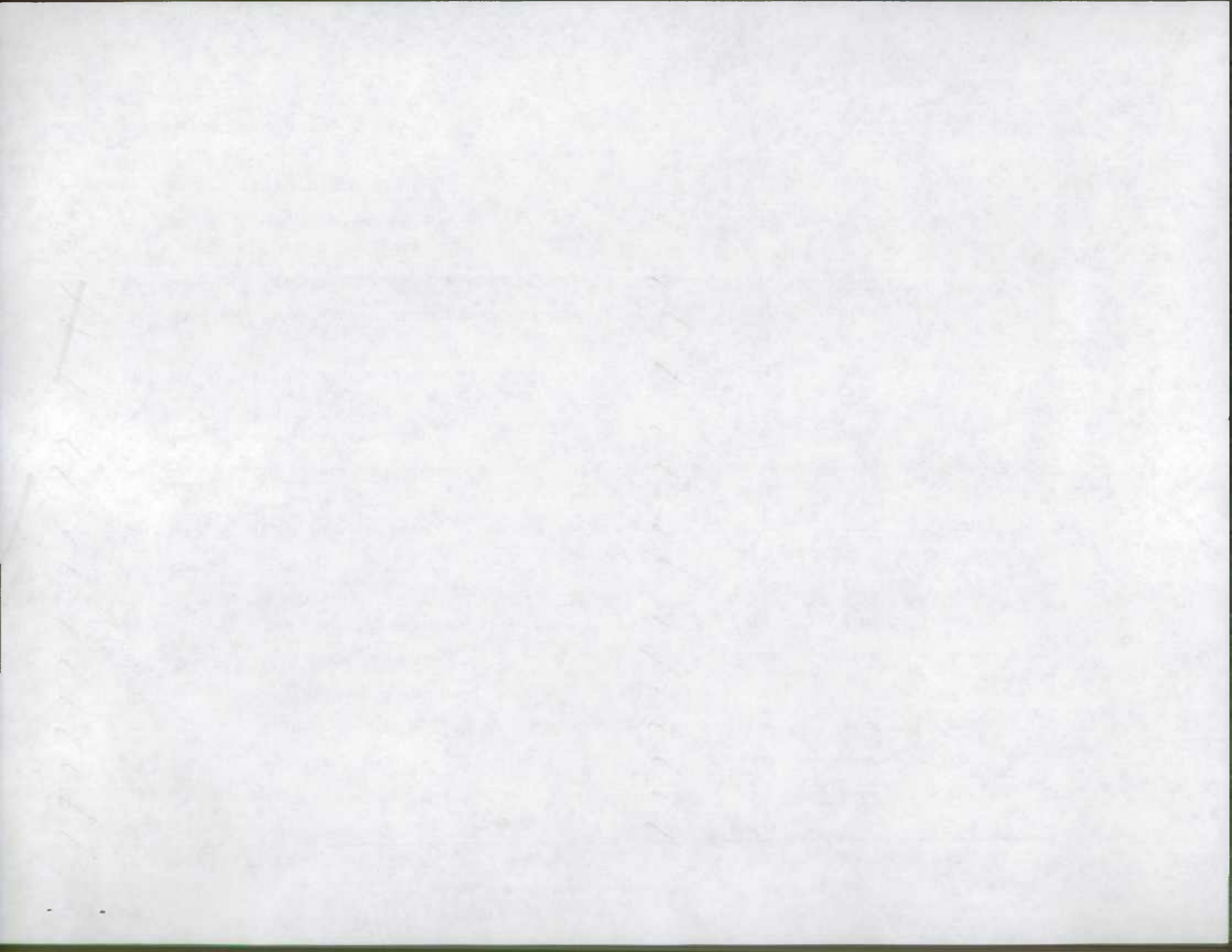


AADT Station Location File
Highway Information Services Division

5/12/99

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CO	ROUTE	DESCRIPTION	FROM	TO	STATION	AADT
✓5	MD 16	MD 331 TO GROVE RD	✓1.10	4.09	B1400	1850
✓5	MD 16	GROVE RD TO MD 578	✓4.09	6.22	B1471	1950
✓5	MD 16	MD 578 TO AMERICAN CORNER RD	✓6.22	9.29	B1401	3275
✓5	MD 16	AMERICAN CORNER RD TO MD 404	✓9.29	12.76	B1403	3575
✓5	MD 16	CROSS REFERENCED WITH MD 404	✓12.76	15.93	*	0
✓5	MD 16	MD 404 TO SUB-STATION RD	✓15.93	16.85	B1404	2475
✓5	MD 16	SUB-STATION RD TO DELAWARE ST/L	✓16.85	18.43	B1472	800
✓5	MD 287	MD 313 TO MD 311	✓0	0.29	B1405	2125
✓5	MD 287	MD 311 TO DELAWARE ST/L	✓0.29	2.88	B1406	1850
✓5	MD 302	QUEEN ANNES CO/L TO MD 454	✓0	1.45	B1407	2925
✓5	MD 302	MD 454 TO DELAWARE ST/L	✓1.45	2.56	B1408	1225
✓5	MD 304	QUEEN ANNES CO/L TO MD 312	✓0	0.48	B3568	2475
✓5	MD 306	CORP LMTS FEDERALSBURG TO LIBERTY CHURCH RD	✓0	1.17	B1409	5600
✓5	MD 306	LIBERTY CHURCH RD TO DELAWARE ST/L	✓1.17	4.13	B1410	375
✓5	MD 307	DORCHESTER CO/L TO MD 313	✓0	0.53	B1411	4275
✓5	MD 307	MD 313 TO S. MAIN ST	✓0.53	0.93	B1412	1775
✓5	MD 311	MD 313 TO BEE TREE RD	✓0	3.13	B1413	3250

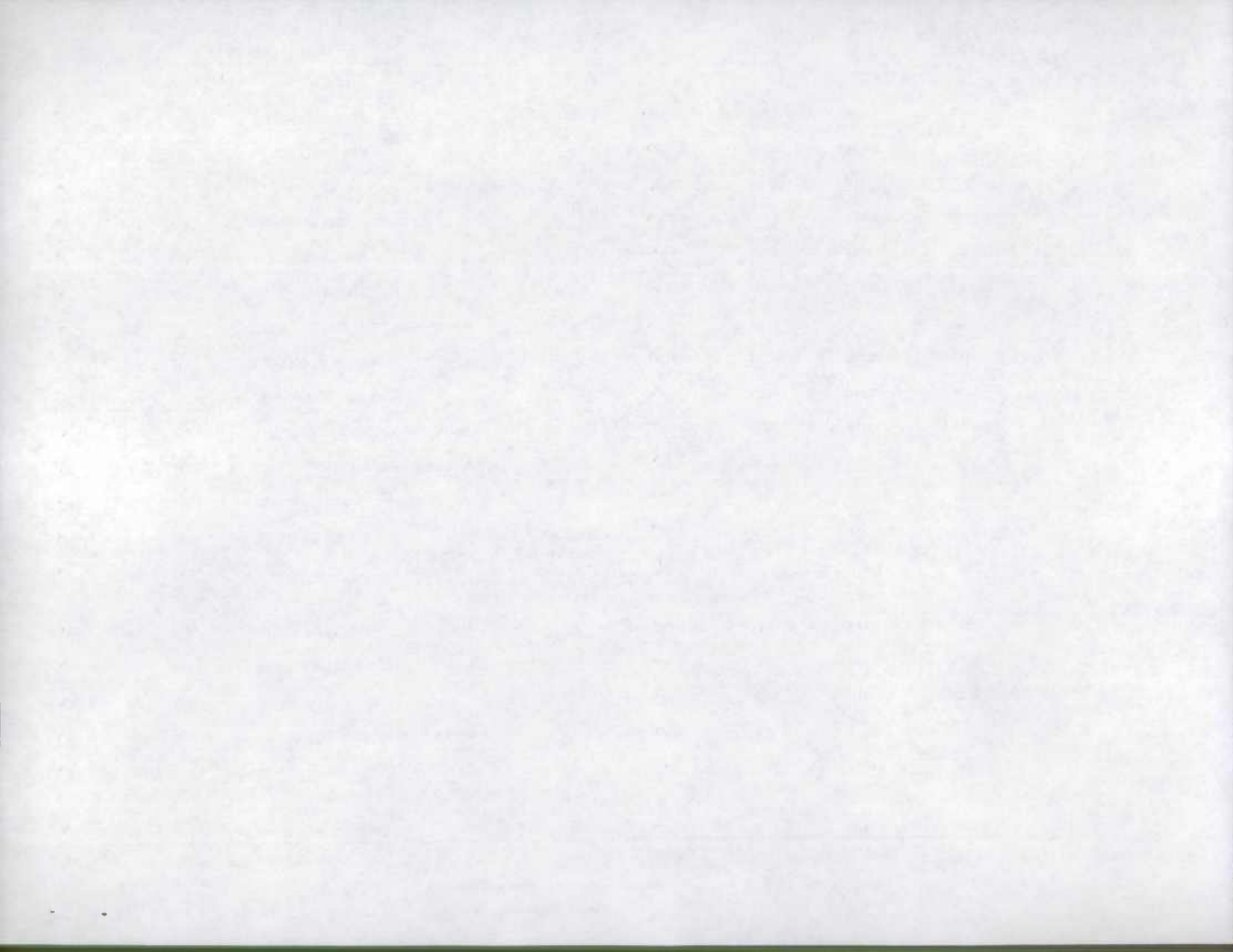


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CO	ROUTE	DESCRIPTION	FROM	TO	STATION	AADT
✓5	MD 311	BEE TREE RD TO MD 454	✓3.13	6.11	B1473	2525
✓5	MD 312	MD 404 TO MD 480	✓0	1.42	B1414	1375
✓5	MD 312	CROSS REFERENCED WITH MD 480	✓1.42	2.30	*	0
✓5	MD 312	MD 480 TO SPARKS RD	✓2.30	5.89	B1415	2800
✓5	MD 312	SPARKS RD TO MD 304	✓5.89	9.09	B1416	1325
✓5	MD 312	MD 304 TO MD 313	✓9.09	11.41	B1417	1725
✓5	MD 313	DORCHESTER CO/L TO MD 318	✓0	1.20	B1418	5550
✓5	MD 313	MD 318 TO MD 308	✓1.20	1.71	B1419	8350
✓5	MD 313	MD 308 TO MD 315/318	✓1.71	3.39	B1420	7150
✓5	MD 313	MD 315/318 TO THREE BRIDGES RD	✓3.39	5.29	B1421	6150
✓5	MD 313	THREE BRIDGES RD TO AUCTION RD	5.29	6.90	B1475	5450
✓5	MD 313	AUCTION RD TO DION RD	✓6.90	10.82	B1422	3650
✓5	MD 313	DION RD TO MD 404	✓10.82	13.29	B1423	3475
✓5	MD 313	CROSS REFERENCED WITH MD 404	✓13.29	19.16	*	0
✓5	MD 313	MD 404 TO MD 317	✓19.16	19.93	B1425	9575
✓5	MD 313	MD 317 TO MD 480	✓19.93	25.96	B1426	7375
✓5	MD 313	MD 480 TO RED BRIDGES RD	✓25.96	27.21	B1427	5550
✓5	MD 313	RED BRIDGES RD TO MD 287	✓27.21	29.90	B1428	1750
✓5	MD 313	MD 287 TO MD 820	✓29.90	31.20	B1429	3025
✓5	MD 313	MD 820 TO MD 312	✓31.20	33.35	B1430	3225

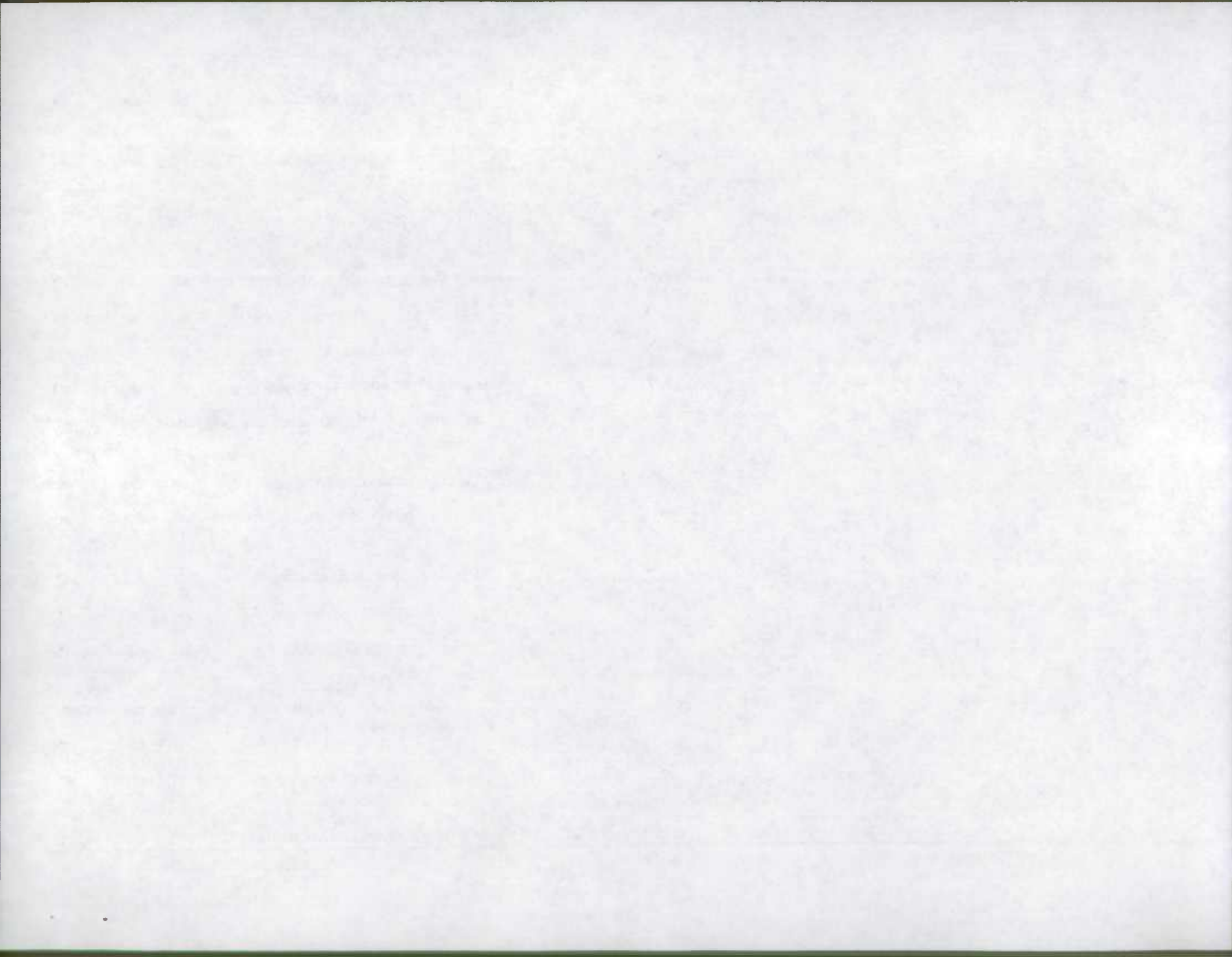


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CO	ROUTE	DESCRIPTION	FROM	TO	STATION	AADT
✓5	MD 313	MD 312 TO QUEEN ANNES CO/L	✓33.35	34.15	B3570	3475
✓5	MD 314	SUNSET AVE TO MD 313	✓0	1.02	B1431	2000
✓5	MD 314	MD 313 TO KIBLER RD	✓1.02	3.05	B1476	3450
✓5	MD 314	KIBLER RD TO DELAWARE ST/L	✓3.05	4.93	B1432	1450
✓5	MD 315	MD 313 TO E CENTRAL AVE	✓0	1.34	B1433	7450
✓5	MD 315	E CENTRAL AVE TO WRIGHT RD	✓1.34	2.71	B1434	2050
✓5	MD 315	WRIGHT RD TO MD 318	✓2.71	3.13	B1484	500
✓5	MD 317	MD 313 TO KNIFE BOX RD	✓0	4.67	B1435	3375
✓5	MD 317	KNIFE BOX RD TO DELAWARE ST/L	✓4.67	4.78	B1436	2175
✓5	MD 318	MD 817 B TO AMERICAN CORNER RD	✓0	1.69	B1437	6050
✓5	MD 318	AMERICAN CORNER RD TO MD 313/MD 315	✓1.69	5.68	B1438	4500
✓5	MD 318	CROSS REFERENCED WITH MD 313	✓5.68	7.87	*	0
✓5	MD 318	MD 313 TO MD 315	✓7.87	9.54	B1440	3550
✓5	MD 318	MD 315 TO DELAWARE ST/L	✓9.54	10.95	B1477	3275
✓5	MD 324	CHOPTANK RD TO MD 331	✓0	0.40	B1441	1950
✓5	MD 328	TALBOT CO/L TO RIVER RD	✓0	6.35	B1442	5375
✓5	MD 331	DORCHESTER CO/L TO MD 16	✓0	1.10	B1445	12950

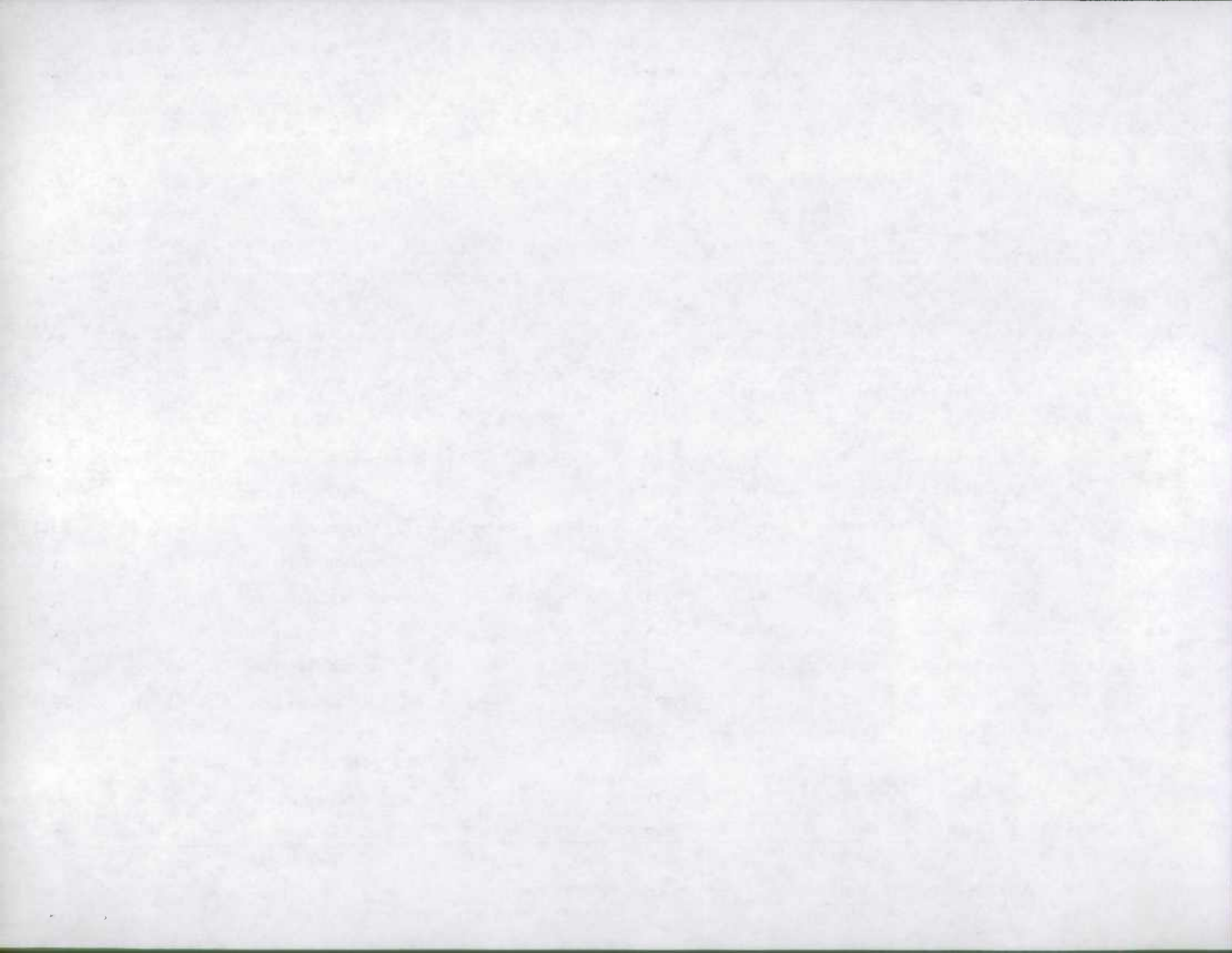


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CO	ROUTE	DESCRIPTION	FROM	TO	STATION	AADT
5	MD 331	MD 16 TO TANYARD RD	1.10	3.13	B1444	12250
5	MD 331	TANYARD RD TO MD 578	3.13	4.51	B1443	7675
5	MD 331	MD 578 TO TALBOT CO/L	4.51	7.48	B3824	10875
5	MD 404	QUEEN ANNES CO/L TO MD 404 AL	0	1.90	P0036	15249
5	MD 404	MD 404 AL TO MD 312	1.90	3.01	B1446	10050
5	MD 404	MD 312 TO MD 404 BU	3.01	5.60	B1447	14175
5	MD 404	MD 404 BU TO MD 313	5.60	7.43	B1481	9325
5	MD 404	MD 313 TO MD 404 BU	7.43	8.83	B1482	12875
5	MD 404	MD 404 BU TO MD 16	8.83	11.02	B1448	13675
5	MD 404	MD 16 TO MD 313	11.02	13.30	B1479	10675
5	MD 404	MD 313 TO DELAWARE ST/L	13.30	17.37	B1449	8375
5	MD 404 AL	TALBOT CO/L TO MD 404	0	1.74	B1450	1950
5	MD 404 BU	MD 404 TO MD 404	0	2.32	B1466	3475
5	MD 454	DELAWARE ST/L TO MD 311	0	0.11	B1452	5150
5	MD 454	MD 311 TO MD 302	0.11	2.21	B1451	2625
5	MD 480	MD 404 TO CROUSE MILL RD	0	2.24	B1453	4700
5	MD 480	CROUSE MILL RD TO MD 312	2.24	2.50	B1454	3975
5	MD 480	MD 312 TO MD 312	2.50	3.38	B1480	4675
5	MD 480	MD 312 TO HOLLY RD	3.38	5.70	B1455	3600



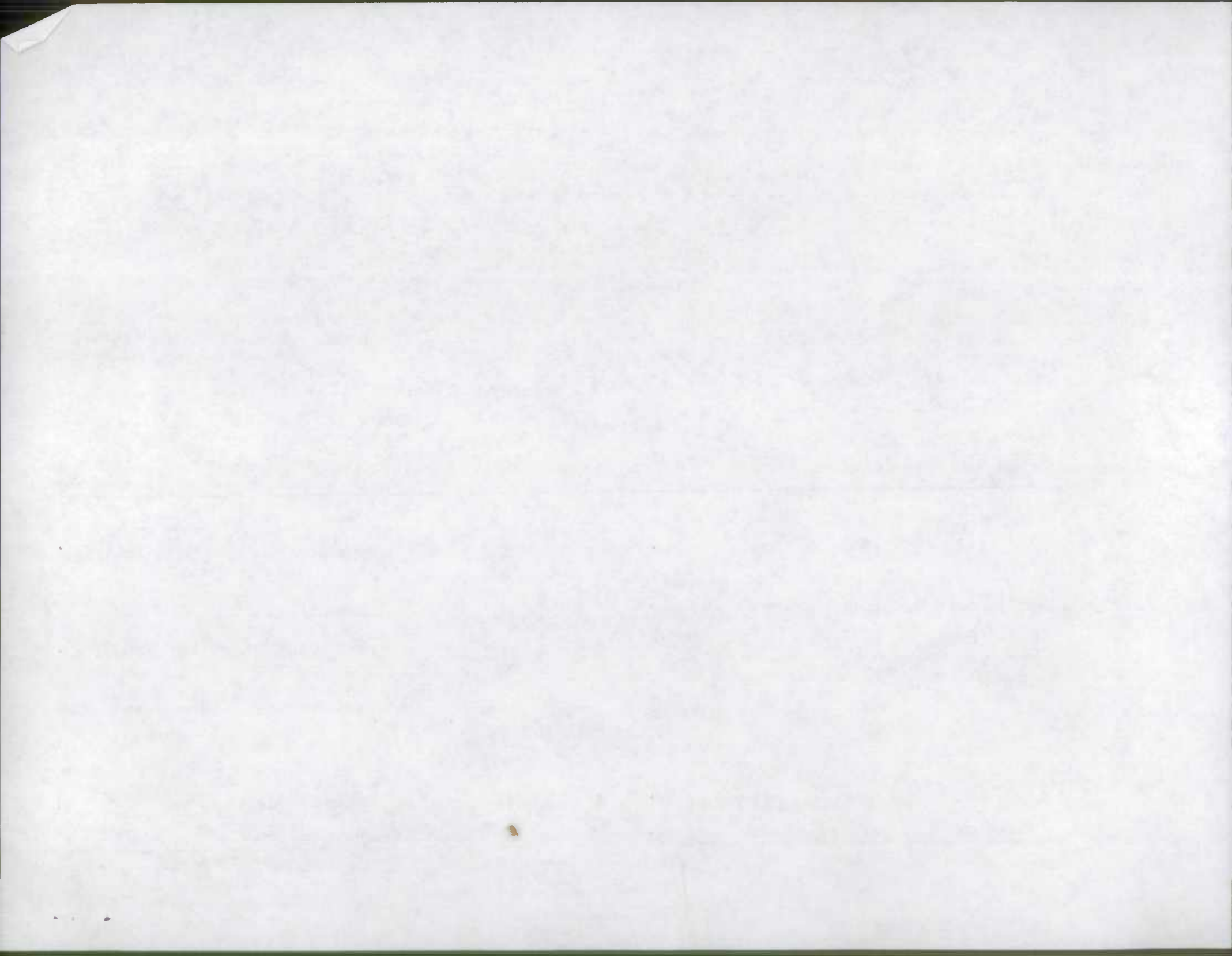
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CO	ROUTE	DESCRIPTION	FROM	TO	STATION	AADT
5	MD 480	HOLLY RD TO MD 314	5.70	8.21	B1456	2925
5	MD 480	MD 314 TO MD 313	8.21	9.08	B1457	2725
5	MD 577	MD 392 TO OAK GROVE RD	0	1.43	B1458	4350
5	MD 577	OAK GROVE RD TO MD 313	1.43	3.70	B1459	3600
5	MD 578	MD 331 TO GROVE RD	0	2.25	B1460	3350
5	MD 578	GROVE RD TO MD 16	2.25	4.24	B1461	1750
5	MD 619	5TH AVE TO MD 404	0	1.09	B1424	6275

Number of records: 80





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Thursday 15 February, 2001

NEWS SEARCH

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Local

Officials present ideas for Route 404 safety improvements

By: KENT SMITH, Caroline County Editor

February 15, 2001

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DENTON - District transportation officials were in town Tuesday, Feb. 13 to present their suggestions for State Route 404 safety improvements.

Approximately 45 people from Caroline, Queen Anne's and Talbot counties heard what eight district and local State Highway Administration officials and their consultant presented after three months of work reviewing safety concerns on the state road.

Robert Kiel, SHA's assistant district engineer for traffic, and consultant Gene R. Straub, a senior associate at the engineering firm Johnson, Mirmiran & Thompson of Baltimore, made the presentation at the Citizens for Transportation Emergency Action of Maryland (C-TEAM) meeting at the Denton fire hall.

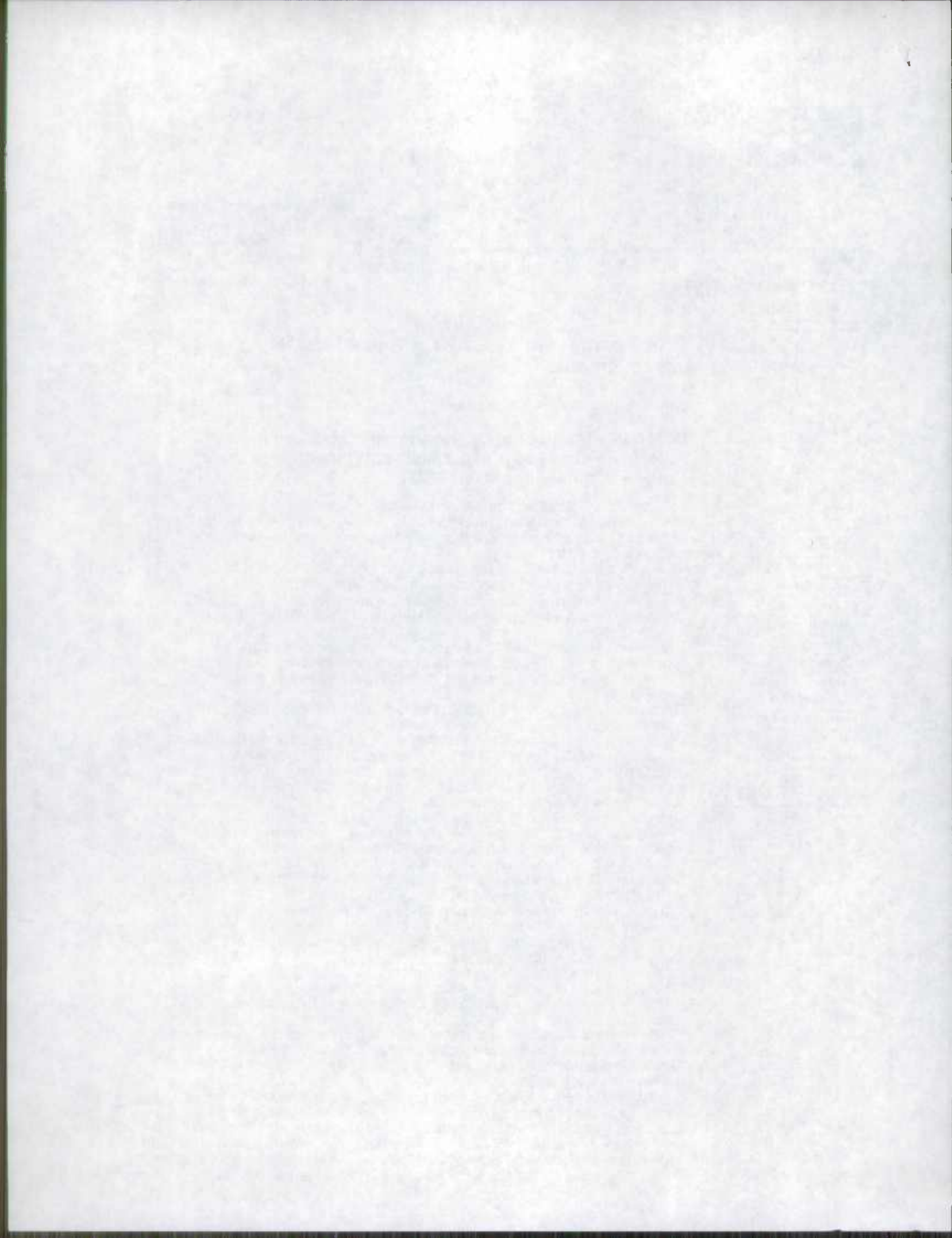
The meeting was designed to tell residents what some of the suggested improvements are for Route 404 and get community reaction. A full report with where those improvements will be made is scheduled for next month, said Kiel.

The safety study is part of \$400,000 that Gov. Parris N. Glendening included in the 2001-2006 Consolidated Transportation Plan. The money, which was not in the draft plan, is to be used for safety studies and improvements. The goal is to have some of the improvements, including wider edgelines on the shoulders and center lines, done by Memorial Day. But Kiel said some of the more extensive projects will take longer, such as widening intersections.

The 10 suggestions brought by the district review team were:

- * Place two-way traffic warning signs when entering two-lane sections of road, such as eastbound 404 at Route 50 and at Legion Road.
- * Place 10-inch edge lines and center lines. The current lines are 5 inches.
- * Place rumble strips along the right shoulders throughout the road and on the asphalt median for the bypass.
- * Require highlight use, such as with Route 90 in Worcester County. Headlight use is suggested on Route 404.
- * Place "No Passing Zone," "Do Not Pass" and "Pass with Care" at the beginning or end of passing zones.
- * Enlarge warning sign lettering from 4 or 5 inches tall to 8 inches.
- * Provide lighting or reflective markers at all intersections.
- * Remark shoulders at intersections into bypass, right-turn and acceleration lanes.
- * Widen road at signalized intersections to include left- and right-turn lanes at each approach. Intersections include routes 309, 480, 16 and 313.
- * Provide black signal faces for all traffic signal heads. Some of the lights do not have the black signal faces.

District transportation officials did not say what measures would be put in place at specific intersections or stretches of Route 404. Straub said the four areas with the highest concentration of collisions is at the Park and Ride entrance near Route 50, River Road intersection, Route 16 west intersection and between Route 480 and Alternate 404 in Hillsboro. Straub suggested further study be done at River Road and Sharp Road



Straub suggested further study be done at River Road and Sharp Road near Denton Elementary School.

Local residents were in general agreement with the proposed safety measures, but also emphasized the need to have better warning signs and other improvements at River Road. Straub said the intersection has a high rate of left-hand turn collisions.

Residents said that area is filled with problems such as fog, downhill approaches and blinding sunlight at dawn and dusk. When the bypass was built in the mid-1980s, there were scheduled to be overpasses or underpasses at River Road, Camp Road and State Route 31, but the one on River Road was changed to Market Street.

"(River Road) is probably one of the worst intersections as far as exposure to school buses," said County Commission President John W. Cole.

Dan Jones, transportation director for Caroline County Public Schools, said approximately 60 percent of buses travel through that intersection twice daily.

"Anything you can do at that intersection would be greatly appreciated," he said.

Another suggestion at that intersection was a red "Signal Ahead" sign similar to the one on Route 50 eastbound at Chesapeake College.

A second trouble spot is at Route 404 and Holly Road, the west side of the bypass. J.O.K. Walsh, whose mother lives at that intersection, and Denton Volunteer Fire Company member Jack Doherty suggested that the dualization occur west of Holly or Thawley roads. Walsh said the differing speeds of vehicles going off and on the bypass confuses drivers.

"It's a formula for disaster," he said.

Doherty said the new golf course scheduled to open this spring also will lead to more traffic and confusion for motorists.

One of the early suggestions not supported by the district traffic study group or local residents was Jersey barriers, which divide the two lanes on Route 90. Residents had concerns about the ability for farm machinery, emergency vehicles and cars to be on the road with the barriers in place. While the night's topic mostly stuck to short-term solutions for Route 404, there was no doubt residents want a dualized road. C-TEAM member H. George Jackson Jr. asked how many wanted a dualized 404 and all area residents raised a hand.

Since the last meeting Jan. 16, C-TEAM members have met with Glendening, Lt. Gov. Kathleen Kennedy Townsend, House Speaker Casper Taylor, Senate President Mike Miller, Senate Capital Budget Subcommittee Chairman Thomas Middleton and the Eastern Shore's General Assembly Delegation.

Glendening and Townsend were presented petitions bearing 1,600 signatures and letters on Jan. 30 with more expected to be delivered to Annapolis Thursday, Feb. 15.

Jackson also helped Caroline County Commissioners to lease a billboard along Route 404 in Talbot County that may include items such as phone numbers and e-mail and Web addresses so motorists can support Route 404 dualization.

Usually C-TEAM meetings are attended by the steering committee, approximately 15 to 20 people, but groups such as Denton Volunteer Fire Company and Caroline County Farm Bureau tripled that attendance.

"I was pleased by the substantial number of new people," said C-TEAM Chairman Jim Voss.

The group has been asked to prioritize SHA's recommendations in the next couple weeks. The next C-TEAM meeting is set for 7 p.m. Tuesday, March 20 at Denton fire hall.

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Reader Opinions

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