Florida Department Of Transportation

November 16, 2011

FHWA Safety Programs.

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SAFETY is a Choice

State Safety Office
Marianne A. Trussell, Chief Safety Officer

Grant Selection Process

Each year the Highway Safety Grant Program Section of the Florida Department of Transportation (FDOT) Safety Office develops a comprehensive Highway Safety Plan that describes the projects recommended for federal funding during the upcoming federal fiscal year (October 1 to September 30).

Staff in the Highway Safety Grant section identifies traffic problems throughout the state by:

- Analyzing data from the Department of Highway Safety and Motor Vehicles (DHSMV)
- Studying the results of observational surveys
- Attending meetings of traffic safety communities
- Reviewing the rankings of the Problem Matrix

Following problem identification, statewide goals and objectives are formulated by staff and work commences on program module development. Project level concept papers are solicited and received by the Highway Safety Grant Program Section. Those that will help attain identified goals and objectives are considered for support with available funds. Each concept paper must fully describe the proposed project **program** (i.e. problem statement, proposed solution, objectives and proposed budget) and should be submitted to the Administrator of the Highway Safety Grant Program Section no later than the last day of March.

This process includes all current projects continuing into the next fiscal year to allow initial funding estimates to be developed. Continuation projects are given a high priority in order to honor prior funding commitments. The early submission of concept papers allows appropriate program area coordinators and Highway Safety Grant Program Section Management Staff sufficient time to review all proposals and select projects for inclusion in the draft plan which is sent to the Governor's Highway Safety Representative. Once all concept papers have been reviewed and prioritized for funding, a draft Highway Safety Plan is forwarded to the National Highway Traffic Safety Administration for review and approval, prior to October 1st.

DATA MATRICES - (updated 09/01/11)

FY 2012 FDOT Highway Safety County Matrix (PDF, 37K)

FY 2012 FDOT Highway Safety Matrix - City Group 1 - population 75,000+ (PDF, 41K)

FY 2012 FDOT Highway Safety Matrix - City Group 2 - population 15,000 - 74,999 (PDF, 47K)

FY 2012 FDOT Highway Safety Matrix - City Group 3 - population 3,000 - 14,999 (PDF, 52K)

FY 2012 County and City Matrix Information Sheet (PDF, 94K)

Note: Documents are password protected and cannot be modified. If a password pop-up box appears when opening the Concept Paper Form, just click 'cancel' to proceed filling in the form.

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- Highway Safety Grant Section Staff
- Florida's Law Enforcement Liaisons

How do you apply for Traffic Safety Grants?

- Grant Activities Schedule
- Grant Selection Process
- Concept Paper Instructions & Forms

Grant Management Resources:

- Grant Management Forms
- Training & Informational Resources

Priority Program Areas:

- Program Overview
- Impaired Driving
- Police Traffic Services
- Speed Control
- Roadway Safety
- Occupant Protection/Child Passenger Safety
- Pedestrian & Bicycle Safety
- Motorcycle Safety
- Traffic Records
- Community Traffic Safety

Highway Safety Matrix

Purpose: The county and city matrices were designed to provide FDOT traffic safety planners an objective, data-driven tool to rank traffic safety projects.   Both counties and cities are divided into three population groups.   The numbers in each matrix represent where counties or cities rank within their population group in a particular program area, with "1" representing the worst crash rate, as described below. For example, the "12" next to Marion indicates they are ranked 12th in alcohol-related crashes among the 23 counties in Group 1.

Note that despite the reduction in fatal and injury crashes occurring over the past several years, the range of numbers appearing in the matrix does not change, because counties and cities are being compared to each other on a relative basis.

Measures used: The rankings in both matrices are based on rates of fatalities plus injuries over one, three, and five-year periods, in this case 2010, 2006-2010, and 2006-2010.   In the County Matrix rates are 50% per population and 50% per vehicle mile traveled, with the exception of the Bicycle and Pedestrian areas, which are 100% per population. For the City Matrix, all rates are per population. Inmate populations are excluded in the calculations.

Specific measures for each column in the matrix are as follows:

- **Total Fatalities and Injuries (F&I)** – overall fatalities plus injuries;
- **Alcohol Related** – alcohol-related fatalities plus injuries (this includes both Driving Under Influence and crashes where had been drinking was a contributing circumstance);
- **Bicycle, Motorcycle, Pedestrian** F&I – bicyclist, motorcyclist, and pedestrian fatalities plus injuries;
- **Speed Related** – speed-related fatalities plus injuries;
- **Safety Equipment** – injuries plus fatalities among drivers and passengers who were both not using safety equipment and were subject to the seat belt law;
- **Aggressive Driving** – injuries plus fatalities in crashes where two or more of certain moving violations (includes careless driving, improper passing, and several others) were cited;
- **Teen Drivers** – injuries plus fatalities among drivers aged 15-19, excluding bicyclists and motorcyclists;
- **Older Drivers** – injuries plus fatalities among drivers aged 65+, excluding bicyclists and motorcyclists.

Alcohol, speeding, and aggressive driving are treated as causal factors, so that all injuries and fatalities in crashes involving them are counted.   On the other hand, only bicycle, motorcycle, and pedestrian victims, drivers 15-19 or 65+, plus individuals not using seat belts are counted in their respective areas.

Data Sources -- The *DHSMV Traffic Crash Statistics Report* was used as the data source in the county matrix for the Total F&I, Alcohol Related, and the Bicycle, Motorcycle, and Pedestrian F&I areas. DOT's CAR database was used in the Speed Related, Safety Equipment, Teen Drivers, Drivers 65+, and Aggressive Driving areas, as well as the source for all data used in compiling city crash data.

Subjectivity of crash data used: It is important to realize that some of the measures cited above are more subjective than others. Total F&I, the Bicycle, Motorcycle, and Pedestrian F&I areas, Teen Drivers, and Drivers 65+ are relatively objective, as they are only based on crash victims. The other areas are all dependent on how thorough investigating officers are in documenting crash circumstances. It is quite likely there are differences among jurisdictions in this regard.

Other data limitations: County rankings are based on crashes occurring both inside and outside cities and municipalities and may involve different investigating agencies, including the Florida Highway Patrol, which does much of the enforcement in rural areas.
City crashes are much more subject to errors involving location. In some instances, crash investigators either are unaware of their exact location or write down the wrong DHSMV city code. The DOT Safety Office's Crash Records section identifies many of the location errors made on state roads. These corrections are reflected in crashes in the CAR database, but many errors still remain.

Highway Safety Matrix - Ranking of Florida Cities

<u>**Group 2 -- Population 15,000-74,999 -- 93 Cities**</u> (based on fatal and injury crashes during 2006-2010)

City	Total F & I	Alcohol Related	Bicycle	Motorcycle	Pedestrian	Speed Related	Occupant Protection	Aggressive Driving	Teen Drivers	Drivers 65+
Altamonte Springs	54	32	58	51	54	58	71	58	76	73
Apopka	62	41	53	59	67	71	39	70	70	55
Aventura	10	82	27	44	4	28	75	21	38	20
Bartow	38	68	41	45	50	75	29	77	22	58
Belle Glade	32	14	59	93	26	30	15	9	69	74
Bonita Springs	88	75	70	81	77	83	83	84	87	60
Boynton Beach	26	27	34	55	36	21	50	45	43	14
Bradenton	36	63	30	46	19	88	45	79	53	32
Casselberry	85	51	29	56	58	89	64	66	90	69
Clermont	45	44	92	39	78	52	36	81	19	48
Cocoa	5	7	16	4	5	1	5	5	2	30
Coconut Creek	24	59	76	49	45	14	70	62	21	26
Cooper City	75	76	56	52	82	50	55	73	31	80
Coral Gables	14	49	17	30	11	73	57	67	24	9
Crestview	34	53	93	33	57	35	40	47	8	50
Cutler Bay	58	78	69	89	66	79	60	92	48	83
Dania	17	16	26	13	38	13	12	39	28	54
Daytona Beach	9	5	9	2	2	10	2	20	7	8
DeBary	80	58	87	36	92	23	76	37	58	89
Deland	11	24	13	7	16	60	6	71	3	12
Delray Beach	30	31	10	32	21	11	38	18	42	21
Doral	20	62	50	61	55	90	54	82	14	88
Dunedin	66	29	18	40	70	67	68	53	74	35
Edgewater	69	42	40	10	75	69	56	63	52	19
Eustis	59	33	60	42	61	68	46	74	33	37
Fort Myers	7	9	28	15	13	18	8	4	10	11
Fort Pierce	51	36	32	48	30	34	21	40	32	39
Ft. Walton Beach	40	15	48	18	41	4	22	14	17	41
Greenacres City	65	23	36	63	65	25	47	16	68	51
Haines City	37	39	75	34	42	74	23	29	25	15
Hallandale	49	71	19	72	17	82	89	55	84	34
Hialeah Gardens	25	56	71	65	47	80	34	65	36	62
Homestead	73	46	55	76	62	57	31	86	86	82
Jacksonville Beach	43	11	5	20	9	20	66	51	15	67
Jupiter	53	21	14	62	64	8	44	11	39	45
Key West	6	1	1	1	3	7	10	13	67	65
Kissimmee	42	37	42	31	14	42	37	36	47	79
Lake Worth	18	28	23	19	29	2	18	15	29	44
Lauderdale Lakes	64	79	80	91	33	48	73	24	63	61
Lauderhill	71	81	79	83	31	41	72	76	72	81
Leesburg	23	38	67	12	23	32	24	57	50	5
Lynn Haven	57	64	51	27	87	61	62	60	20	33
Maitland	55	57	86	70	81	26	32	8	85	49
Marco Island	91	86	78	74	56	66	92	72	89	70
Margate	33	40	63	60	32	55	43	68	46	24
Miami Lakes	28	50	81	78	68	78	67	83	11	57
Naples	48	20	4	22	44	76	78	54	78	6
New Smyrna Beach	22	6	6	6	20	45	3	41	30	23
North Lauderdale	79	89	84	82	72	43	41	50	82	85
North Miami	3	34	49	54	12	38	17	38	9	25
North Miami Beach	13	47	64	50	28	47	33	33	40	38
North Port	77	85	73	69	86	63	52	75	57	59
Oakland Park	2	17	8	14	1	22	7	10	18	7
Ocala	4	13	21	9	18	56	11	80	4	3
Ocoee	67	72	57	35	71	44	65	49	66	72
Opa Locka	44	88	82	85	63	64	26	26	55	87
Ormond Beach	35	18	22	3	49	6	27	23	27	17
Oviedo	92	80	85	87	90	70	74	69	79	92
Palm Beach Gardens	21	26	33	37	69	3	63	32	12	28
Palm Springs	50	8	11	41	25	72	25	2	64	64
Palmetto Bay	76	92	77	73	59	87	82	85	56	78
Panama City	1	2	20	11	7	12	1	1	1	4
Parkland	83	83	90	90	91	9	84	35	60	86
Pensacola	16	12	25	23	27	17	19	64	6	29
Pine Crest Village	47	84	62	66	51	92	86	78	34	40
Pinellas Park	12	10	3	8	15	16	30	17	23	22
Plant City	63	54	68	53	79	46	42	52	54	56
Port Orange	81	55	39	17	76	54	80	48	75	63
Punta Gorda	82	65	91	57	88	84	77	89	80	31
Riviera Beach	19	22	35	43	24	19	9	12	35	42
Rockledge	84	87	37	71	83	39	69	28	61	77
Royal Palm Beach	60	69	66	80	60	31	59	19	41	75
Safety Harbor	78	77	65	75	84	81	91	59	81	52
Sanford	61	35	46	28	43	36	16	34	65	53
Sarasota	27	19	7	16	8	65	20	25	44	16
Sebastian	90	90	89	58	74	85	87	91	92	76
Seminole	29	25	12	21	22	15	49	30	37	10
St. Cloud	52	66	44	47	39	77	51	44	45	66
Stuart	8	3	2	5	10	29	4	22	5	2
Sunny Isles	86	70	38	88	6	93	90	87	93	68
Tamarac	41	48	61	77	40	5	61	7	51	13
Tarpon Springs	39	30	24	26	46	40	35	6	16	27
Temple Terrace	56	60	43	64	34	86	58	93	73	71
Titusville	72	74	88	24	53	27	48	31	49	46
Venice	68	61	47	68	48	53	81	43	88	18
Vero Beach	15	4	15	38	52	37	14	46	26	1
Wellington	87	73	72	84	85	51	85	56	77	90
West Melbourne	46	43	45	25	80	24	28	3	59	43
Weston	89	91	83	86	89	59	88	27	71	93
Winter Garden	74	67	52	79	73	62	79	88	62	84
Winter Haven	31	45	54	29	35	49	13	42	13	36
Winter Park	70	52	31	67	37	33	53	61	83	47
Winter Springs	93	93	74	92	93	91	93	90	91	91