

Plan Summary Boxes for Reviewers



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WELCOME

- Please turn off/silence your cell phones.
- Questions???
- Please feel free to ask questions as we go...



Objectives

- To give guidance to Reviewers on what to expect in a set of plans with Plan Summary Boxes

General

- Do's

- Number the sheets using the prefix SQ-#.
- Place the Summary of Quantities sheets after the Typical Sections in the plan sequence.

- Don'ts

- Mix & Match the old with the new.
- Place summary boxes anywhere else in the plan set. (Summary of Quantities sheets ONLY.)
- Add pay item numbers to the Summary of Drainage Structures sheets.
- Add the Summary of Drainage Structures to the SQ- sheets.
- Create NEW summary boxes.
 - If a new box is needed, contact Denise Broom or Missy Hollis.

INDEX OF ROADWAY PLANS	
SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTION
5-8	TYPICAL SECTION DETAILS
SO-1 - SO-4	SUMMARY OF QUANTITIES
9-10	PROJECT LAYOUT
11	GENERAL NOTES

Summary Boxes

- Use the FDOT templates that have already been formatted for use.
 - Do NOT modify the Summary Box Titles.
 - Do NOT add NEW columns.
 - Do NOT create separate summary boxes for pay items that go in the same summary box.
- Adjust column widths as needed to fit on the plan sheet or alleviate word wrap.
- Delete/Hide un-used Design columns.
 - Do NOT delete the Construction Remarks or “F” columns.
- Show pay item numbers in Trns*port format.

Summary Boxes

- Don't create separate summary boxes for pay items that go in the same summary box.

SUMMARY OF TRAFFIC CONTROL PLAN ITEMS																			
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III				PHASE IV				PHASE V				SUBTOTAL		GRAND TOTAL		CONSTRUCTION REMARKS
			DURATION	QUANTITY		TOTAL	DURATION	QUANTITY		TOTAL	DURATION	QUANTITY		TOTAL	P	F	P	F	
				P	F		P	F		P	F		P	F					
102 3	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY																	
102 14	TRAFFIC CONTROL OFFICER	MH			192	192								80		576		564	
102 60	WORK ZONE SIGN	ED	46		96	4416			40		137	5480			1240		11136		58464
102 71 14	BARRIER WALL, TEMPORARY, F&I, TYPE K	LF																	3063
102 74 1	TEMPORARY BARRICADE, TYPE 1, 11, DJ, VP, DRUM OR LCD	ED	46		242	9476			40		613	24600				34076		155836	
102 74 2	BARRICADE, TEMPORARY, TYPE III, 6'	ED							40		6	240				240		2340	
102 75	ARROW BOARD/ADVANCE WARNING ARROW PANEL	ED	46		3	138			40		7	280			20	3	60	478	1680
102 77	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED	46		1	134			40		1	1600			20	16	320	3454	17304
102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA			859							2004						2863	5643
102 79 1	TYPE C STEADY BURN LIGHT, TEMP., BARRIER WALL MOUNT	ED																	15400
102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LD																	6
102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	46		5	230			40		9	360			20	5	100	690	4000
102 104	TEMPORARY SIGNALIZATION AND MAINT., OF INTERSECTION	ED	46			276			40			240			20	6	120	636	2928
102 107 1	TEMP. TRAFFIC DETECTION AND MAINT., OF INTERSECTION	ED	46		1	276			40			4						316	2808
102 150 1	PORTABLE REGULATORY SIGN	ED	46		2	92			40		2	80						172	936
102 150 2	RADAR SPEED DISPLAY UNIT	ED			2	92			40		2	80						172	936

SUMMARY OF TRAFFIC CONTROL PLAN ITEMS						
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PROJECT			TOTAL
			QUANTITY		APPLICATIONS	
			P	F	P	
110 11 111	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 6"	NW	8,555		2	18,633
		NW	1,523		1	
110 11 122	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 8"	LF	6062		2	12124
110 11 123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 12"	LF	6542		2	13084

SUMMARY OF PAVEMENT										
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F		
327 70 6	MILLING EXIST ASPH PAVT. 2" LANDING DEPTH	105+88.56 TO 106+28.95	RAMP A	RT	61469	SY		376		
		105+78.95 TO 106+62.49	RAMP D	LT	61764	SY		159		
		106+09.04 TO 108+49.37	RAMP D	LT	61844	SY		257		
		106+13.38 TO 106+91.22	RAMP A	RT	61505	SY		153		
		108+44.77 TO 114+04.22	RAMP C	LT	61749	SY		122		
		112+59.20 TO 113+75.01	RAMP B	RT	61624	SY		236		
		113+12.06 TO 114+17.78	RAMP B	RT	61640	SY		80		
		113+44.75 TO 117+11.11	RAMP B/BB	RT	61573	SY		556		
		113+45.47 TO 118+14.75	RAMP BB	RT	61664	SY		682		
		112+53.20 TO 114+34.48	RAMP C	LT	61728	SY		151		
		113+80.42 TO 116+32.87	RAMP CC	LT	61753	SY		70		
							PROJECT TOTAL	2820		

SUMMARY OF PAVEMENT										
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F		
327 70 11	MILLING EXIST ASPH PAVT. 2" LANDING DEPTH	99+29.46 TO 105+60.00	RAMP DD	LT	26345	SY		1819		
		101+54.44 TO 106+62.49	RAMP DD	LT	6539	SY		1075		
		101+60.40 TO 105+60.00		RT	26318	SY		1126		
		101+83.57 TO 106+31.00	RAMP AA	RT	60632	SY		1142		
		105+60.00 TO 106+85.77	1.75 SB RAMP INTERSECTION	LT	47891	SY		1264		
		105+75.32 TO 106+88.00	RAMP A	RT	60590	SY		2076		
		105+77.33 TO 108+47.84	RAMP D	LT	61319	SY		2279		
		106+44.28 TO 107+49.41		LT	47410	SY		585		

Summary Boxes

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	
			DAYS	P	P	DAYS	P	P	
0102 1	MAINTENANCE OF TRAFFIC	LS							
0102 14	TRAFFIC CONTROL OFFICER	LS							
0102 60	WORK ZONE SIGNS	ED	430	83	35690	620	78	48360	84050
0102 61	BUSINESS SIGNS	EA		4	4		3	3	7
0102 71 13	TEMPORARY BARRIER WALL, F&I, LOW PROFILE, CONCRETE	LF							
0102 71 23	TEMPORARY BARRIER WALL, RELOCATE, LOW PROFILE, CONCRETE	LF		28632	28632		13368	13368	42000
0102 74 1	BARRICADE, TEMPORARY, TYPE 1, 22', DI., VP, & DRUM	ED	430	470	202100	620	993	61960	819000
0102 74 2	BARRICADE, TEMPORARY, TYPE 111	ED	430	107	46010	620	186	115220	161330
0102 76	ADVANCE WARNING ARROW PANEL	ED	430	2	860	620	2	1240	2100
0102 77	HIGH INTENSITY FLASHING LIGHT, TEMPORARY, TYPE B	ED	430	30	12900	620	30	18600	31500
0102 78	REFLECTIVE PAVEMENT MARKER, TEMPORARY	EA		1848	1848		1503	1503	3348
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	430	4	1720	620	2	1240	2960
0102911 1	PAVT MARKING REMOVABLE WHITE - BLACK, SKIP	LF		330	330		330	330	660
0102911 2	PAVT MARKING REMOVABLE WHITE - BLACK, SOLID	LF		330	330		330	330	660
0102912 2	PAVT MARKING REMOVABLE YELLOW, SOLID	LF		330	330		330	330	660
0710 11111	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	NM		6	6		6	6	12
0710 11122	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF							0
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF		475	475		362	362	837
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA		12	12		9	9	22
0710 11211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	NM		7	7		7	7	14
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18"	LF		2548	2548		1124	1124	3672
0999102 1	SPEED & LAW ENFORCEMENT OFFICE, STATE FURNISHED	NH							0

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			PHASE IV			TOTAL
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	
			DAYS	P	P	DAYS	P	P	
0102 1	MAINTENANCE OF TRAFFIC	LS							
0102 14	TRAFFIC CONTROL OFFICER	NH						160	
0102 60	WORK ZONE SIGNS	ED	135	90	12150	60	12	720	12870
0102 61	BUSINESS SIGNS	EA						0	
0102 71 13	TEMPORARY BARRIER WALL, F&I, LOW PROFILE, CONCRETE	LF		31956	31956			0	31956
0102 71 23	TEMPORARY BARRIER WALL, RELOCATE, LOW PROFILE, CONCRETE	LF						0	0
0102 74 1	BARRICADE, TEMPORARY, TYPE 1, 22', DI., VP, & DRUM	ED	135	61	8235	60	768	46080	54315
0102 74 2	BARRICADE, TEMPORARY, TYPE 111	ED	135	65	8775	60	768	46080	54855
0102 76	ADVANCE WARNING ARROW PANEL	ED	135	2	270	60	2	120	390
0102 77	HIGH INTENSITY FLASHING LIGHT, TEMPORARY, TYPE B	ED	135	30	4050	60	4	240	4290
0102 78	REFLECTIVE PAVEMENT MARKER, TEMPORARY	EA		374	374			0	374
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	135	2	270	60	2	120	390
0102911 1	PAVT MARKING REMOVABLE WHITE - BLACK, SKIP	LF		660	660		660	660	1320
0102911 2	PAVT MARKING REMOVABLE WHITE - BLACK, SOLID	LF		660	660		660	660	1320
0102912 2	PAVT MARKING REMOVABLE YELLOW, SOLID	LF		660	660		660	660	1320
0710 11111	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	NM		7	7			0	7
0710 11122	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF		1999	1999			0	1999
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF		373	373		0	373	1210
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA		35	35			0	35
0710 11211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	NM		6	6			0	6
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18"	LF						0	3672
0999102 1	SPEED & LAW ENFORCEMENT OFFICE, STATE FURNISHED	NH							4860

SUMMARY OF PAVEMENT

PAY ITEM NO.	DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0285709	Optional Base, Base Group 09 (CONT'D)	760+78.72 to 777+05.29	Highland	LT/RT	17199	SY	11981.90		121632.0			
		763+78.12 to 764+84.46	Highland	RT	17418	SY	421.70					
		764+77.99 to 768+10.99		LT	17194	SY	342.10					
		785+18.47 to 792+31.92		RT	17204	SY	11548.10					
		793+31.55 to 795+34.60		LT/RT	17388	SY	2149.70					
		794+98.76 to 796+51.42		RT	17391	SY	528.30					
		795+47.83 to 809+58.15		LT/RT	17402	SY	8922.00					
		795+47.83 to 798+06.82	Champaign	LT	17484	SY	809.00					
		809+58.10 to 825+84.46		LT/RT	17223	SY	5148.00					
		809+58.10 to 825+84.46		LT/RT	17237	SY	5095.50					
		810+60.41 to 810+87.75		RT	17289	SY	63.80					
		810+93.20 to 811+29.55		RT	17294	SY	58.70					
		813+44.23 to 814+40.29	Arendell	LT	17442	SY	370.50					
		825+84.43 to 842+10.94		LT/RT	17243	SY	6409.90					
		825+84.53 to 842+11.00		LT/RT	17266	SY	5729.50					
		825+94.66 to 827+02.87	Winery	RT	17448	SY	408.80					
		832+64.51 to 833+93.75	Thornton	LT	17453	SY	374.50					
		837+80.95 to 839+09.94		LT	17406	SY	312.10					
		842+10.87 to 857+08.00		LT/RT	17306	SY	6211.20					
		842+10.94 to 857+08.01		LT/RT	17321	SY	5525.90					
		843+87.24 to 845+22.26		RT	17299	SY	442.30					
		847+66.43 to 848+77.20		RT	17331	SY	326.10					
		852+10.56 to 853+00.13		RT	17337	SY	191.50					
		852+25.70 to 853+04.74		LT	17342	SY	264.20					
		860+02.99 to 866+00.01		LT/RT	17347	SY	4895.80					
		862+27.50 to 863+54.10		LT	17358	SY	338.00					
		862+60.33 to 863+70.97	Walden	RT	17459	SY	438.50					
0327 70 1	Milling Exist Asph Pavt, 1" Avg Depth	32+59.96 to 34+20.01	Dempsey	LT/RT	76472	SY	386.10		4490.1			
		69+450.00 to 702+29.98		LT/RT	76460	SY	2716.70					
		698+00.00 to 702+29.99		LT	76448	SY	1387.30					
0334 1 23	Superpave Asphaltic Concrete (Traffic C, PG 76+22, PMA)	2+80.00 to 27+48.46	Pedrick	LT/RT	19582	TN	218.32		17055.0		2.5"	
		23+73.54 to 24+17.53		RT	22013	TN	3.73				1"	(Pedrick)
		27+33.50 to 28+13.30	Pedrick	LT/RT	19580	TN	47.17				2.5"	
		28+21.48 to 29+52.83	Highland	LT/RT	19560	TN	57.98				2.5"	
		28+29.92 to 29+72.26	Winery	LT/RT	18598	TN	56.21				2.5"	
		28+32.93 to 29+41.02	Walden	LT/RT	18605	TN	60.28				2.5"	
		28+59.97 to 29+74.35	Charlais	LT/RT	19533	TN	47.32				2.5"	
		28+62.92 to 29+79.47	Pedrick	LT/RT	19713	TN	72.43				2.5"	
		28+77.84 to 29+18.75		LT	19743	TN	8.74				2.5"	
		28+89.30 to 29+40.50		LT/RT	19748	TN	8.07				2.5"	
		30+24.01 to 31+06.15		LT/RT	19522	TN	50.42				2.5"	
		30+31.60 to 31+60.00	Arendell	LT/RT	19592	TN	50.94				2.5"	
		30+36.86 to 31+24.02	Thornton	LT/RT	19698	TN	51.48				2.5"	
		30+38.87 to 31+77.71	Champaign	LT/RT	19584	TN	117.24				2.5"	
		30+38.94 to 31+50.09	Church	LT/RT	19527	TN	48.74				2.5"	
		30+38.96 to 31+50.08	Edenfield	LT/RT	19604	TN	47.16				2.5"	
		30+39.00 to 31+60.00	Taylor	LT/RT	19347	TN	49.71				2.5"	
		30+48.92 to 31+40.09	Edenfield	LT/RT	19576	TN	101.65				2.5"	
		31+06.06 to 32+60.02	Dempsey	LT/RT	19609	TN	83.06				2.5"	
		31+24.02 to 32+60.00	Thornton	LT/RT	19603	TN	46.20				2.5"	



Summary Boxes – Misc.

- In the summary boxes that have the Pay Item No. column, only fill out the pay item no., description, unit and total on the FIRST line that pay item appears. Do NOT repeat this information. It makes it harder to read.

Do...

Don't...

PAY ITEM NO.	DESCRIPTION	LOCATION STA. TO STA.
0285706	OPTIONAL BASE, BASE GROUP 06 (CONT'D)	31+24.02 to 32+
0285706	OPTIONAL BASE, BASE GROUP 06	33+02.03 to 35+
0285709	OPTIONAL BASE, BASE GROUP 09	28+21.48 to 29+
0285709	OPTIONAL BASE, BASE GROUP 09	28+29.92 to 29+
0285709	OPTIONAL BASE, BASE GROUP 09	28+32.93 to 29+
0285709	OPTIONAL BASE, BASE GROUP 09	28+62.92 to 29+
0285709	OPTIONAL BASE, BASE GROUP 09	30+31.60 to 31+
0285709	OPTIONAL BASE, BASE GROUP 09	30+36.86 to 31+
0285709	OPTIONAL BASE, BASE GROUP 09	30+38.07 to 31+

SUMMARY OF PAVEMENT									
PAY ITEM NO.	DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY		TOTAL	
		STA. TO STA.				P	F	P	F
0160 4	TYPE B STABILIZATION	22+79.93 to 28+63.31	LT/RT	11421	SY	2379.40		142463.4	
		28+21.48 to 29+65.55	LT/RT	11332		458.20			
		28+29.90 to 29+01.50	LT/RT	11492		172.70			
		28+59.96 to 29+72.20	LT/RT	11322		358.30			

Summary Boxes – Word Wrap in MS

- A commonly reported issue/question is in regards to the word wrap encountered when placing the links to Excel files.
- What you see is NOT what you get...

SUMMARY OF					PERFORMANCE TURF						
LOCATION		SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.						0570	1 2	0162	1 11		
10+25.54 to 10+33.55		LT	63994						9.9		
10+61.69 to 10+66.73		RT	65227						11.3	REGATTANW	
10+64.91 to 10+69.10		LT/RT	64448						15.2	TEQUESTA	
10+69.66 to 10+88.12		RT	65218						34.0	REGATTANW	

SUMMARY OF PERFORMANCE TURF											
LOCATION		SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.						0570	1 2	0162	1 11		
10+25.54 to 10+33.55		LT	63994						9.9		
10+61.69 to 10+66.73		RT	65227						11.3	REGATTANW	
10+64.91 to 10+69.10		LT/RT	64448						15.2	TEQUESTA	
10+69.66 to 10+88.12		RT	65218						34.0	REGATTANW	

If encountered, designer will adjust the column widths.

Summary Boxes – Order of Placement RECOMMENDED

- Lump Sum
- General Items
- Temporary Traffic Control
- Special Detour Quantities
 - (for informational purposes, LS total shown on Summary of Temporary Traffic Control)
- Temporary Driveways
- Temporary Crash Cushions
- Temporary Signalization & Detection
- Erosion Control
- Litter Removal & Mowing
- Removal Items
- Mailboxes
- Earthwork
- Geotechnical Items
- Turnouts
- Pavement
- Misc. Pavement
- Walls
- Box Culverts
- Utility Adjustments
- Side Drain & MES
- Misc. Drainage
- Trench Drain
- Underdrain
- French Drain
- Edge Drain
- Railing
- Permanent Barrier Walls
- Curb & Gutter and/or Traffic Separators
- Sidewalk & Detectable Warnings
- Permanent Driveways
- Ditch Pavement
- Guardrail
- Permanent Crash Cushions
- Fencing
- Performance Turf

*See BOE Chapter 8
for Plan Summary Boxes*

Summary of Lump Sum Items

- For use with Lump Sum pay items
 - Not intended for Temporary Traffic Control Plan pay items. Special Detour and Maintenance of Traffic go in the Summary of Traffic Control Plan Items.
 - Not intended for 999-2, Lump Sum Contract or 999-25, Initial Contingency Amount. These items do NOT go in the summary boxes, shown only on the Summary of Pay Items Sheet.

SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			

Summary of General Items

- Intended to be used for pay items that do not have a specified form.
 - Do NOT use if the pay item needs the Station/Location specified.
 - Do not use this summary for the Speed and Law Enforcement Officer. This pay item does not get bid by the contractor and should only be shown on the Summary of Pay Items sheet.

SUMMARY OF GENERAL ITEMS						
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNITS	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
			P	F		
0109 71 1	FIELD OFFICE	DA	120			
0519 78	BOLLARDS	EA	3			

Summary of Temporary Traffic Control Items

- Intended to be used for pay items relating to the Temporary Traffic Control Plan.
 - Additional summary boxes will be needed for selected items. (Special Detours).
 - Temporary Crash Cushions and Temporary Signalization & Detection are not to be included in in this summary.

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS														
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			PHASE IV			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F	P	F		
			P	P	P	P	P	P	P	F	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS										1		1245 DAYS
0102 14	TRAFFIC CONTROL OFFICER	MN							160			160		* 40 HRS P1 X 4 1SECT
0102 60	WORK ZONE SIGNS	ED	135	90	12150	60	12	720	12870			96920		
0102 61	BUSINESS SIGNS	EA							0			11		
0102 71 13	TEMPORARY BARRIER WALL, F&I, LOW PROFILE, CONCRETE	LF		31956	31956				0	31956		31956		
0102 71 23	TEMPORARY BARRIER WALL, RELOCATE, LOW PROFILE, CONCRETE	LF							0	0		42000		
0102 74 1	BARRICADE, TEMPORARY, TYPE 1, 22, DI, VP, & DRUM	ED	135	61	8235	60	768	46080	54315			873315		
0102 74 2	BARRICADE, TEMPORARY, TYPE 111	ED	135	65	8775	60	768	46080	54855			216185		
0102 76	ADVANCE WARNING ARROW PANEL	ED	135	2	270	60	2	120	390			2490		
0102 77	HIGH INTENSITY FLASHING LIGHT, TEMPORARY, TYPE B	ED	135	30	4050	60	4	240	4290			35790		
0102 78	REFLECTIVE PAVEMENT MARKER, TEMPORARY	EA		374	374				0	374		3723		
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	135	2	270	60	2	120	390			3350		
0102911 1	PAVT MARKING REMOVABLE, WHITE - BLACK, SKIP	LF		660	660		660	660	1320			1980		ON BRIDGE DECK
0102911 2	PAVT MARKING REMOVABLE, WHITE - BLACK, SOLID	LF		660	660		660	660	1320			1980		ON BRIDGE DECK
0102912 2	PAVT MARKING REMOVABLE, YELLOW, SOLID	LF		660	660		660	660	1320			1980		ON BRIDGE DECK
0710 11111	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	NM		7	7				0	7		20		
0710 11123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF		1999	1999				1999			1999		
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF		373	373				0	373		1210		
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA		35	35				0	35		57		
0710 11211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	NM		6	6				0	6		20		
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18"	LF							0			3672		
0999102 1	SPEED & LAW ENFORCEMENT OFFICE, STATE FURNISHED	MN							0			4860		

Summary of Special Detour Quantities

- Summary box included for informational purposes ONLY. Pay item for Special Detour should be shown on the Summary of Temporary Traffic Control Plan Items.

<i>* SUMMARY OF SPECIAL DETOUR QUANTITIES 0102 2 1</i>				
<i>DETOUR</i>	<i>ASPHALT (TN)</i>	<i>BASE (SY)</i>	<i>EMBANKMENT (CY)</i>	<i>EXCAVATION (CY)</i>
<i>1</i>	<i>345.0</i>	<i>2256</i>	<i>500.0</i>	<i>600.0</i>

(FOR INFORMATIONAL PURPOSES ONLY)*

Summary of Temporary Driveways

- Quantities may be summarized by location or based on the direction in the BOE. If shown in TTC Plans, this quantity should be included in the Summary of Traffic Control Plan Items.

SUMMARY OF TEMPORARY DRIVEWAYS							
LOCATION	SIDE	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE				DESIGN NOTES	CONSTRUCTION REMARKS
		0102 3					
STA. @ ϕ OF DRIVEWAY		L	W	THK	CY		
		FT	FT	IN	P	F	
ENTIRE PROJECT LENGTH	LT/RT				1550.00		QTY DERIVED USING BOE
SUB-TOTAL:					1550.0		
TOTAL:					1550.0		

Summary of Temporary Crash Cushions

- **NEW!!!**
 - Temporary Crash Cushions are now to be quantified and shown on the Summary of Temporary Crash Cushions. They should no longer be included on the Summary of Temporary Traffic Control Plan Items. Do NOT reject these summaries if they have been completed as previously instructed.

SUMMARY OF TEMPORARY CRASH CUSHIONS									
TTC PHASE	STATION	OFFSET (FT)	SIDE	WORK ZONE SPEED (MPH)	TEST LEVEL (TL-2 OR TL-3)	WIDTH OF HAZARD (IN)	LENGTH RESTRICTION (FT)	TEMPORARY CRASH CUSHION	
								0102	89
1	703+42.65	5.00	RT	45	TL-2	15.00	N/A	1	
1	705+92.26	5.00	RT	45	TL-2	15.00	N/A	1	
1	708+89.04	5.00	RT	45	TL-2	15.00	N/A	1	
SUB-TOTAL:								3	
TOTAL:								3	

Summary of Temporary Signalization & Detection

- **NEW!!!**
 - Temporary Signalization & Detection pay items are to be quantified and shown on the Summary of Temporary Signalization & Detection. They should not be included on the Summary of Temporary Traffic Control Plan Items.

SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION													
PHASE	DURATION	0102104						0102107 1					
		TEMPORARY SIGNALS & MAINTENANCE OF INTERSECTION - EACH DAY						TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION - EACH DAY					
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW		
		DAYS	#	P	F	#	P	F	#	P	F	#	P
1	30	5	150					5	150				
2	60	5	300		1	60		5	300		1	60	
3	60	5	300		2	120		5	300		2	120	
4	30	5	150					5	150				
5	30	5	150					5	150				
SUB-TOTAL			1050			180			1050			180	
						TOTAL						1230	

Summary of Removal Items

- Includes Clearing and Grubbing and Removal of Existing Concrete pay items.
- Secondary units for the Clearing and Grubbing may be identified by the individual quantities, however they should not be totaled in the column. If the total is shown, it should be included in the Design Notes column.
- May include other removal pay items if there is NOT a component set of plans that would normally include such items.

SUMMARY OF REMOVAL ITEMS																		
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS			
		STA.	TO STA.						AREA (AC)	P	F	P	F					
0110 1 1	CLEARING AND GRUBBING	448+32.13	TO 449+40.00	LT	32787			LS	0.010					0.575 AC				
		449+40.00	TO 455+00.00	LT	32789				0.099									
		449+42.14	TO 445+00.00	RT	33153				0.114									
		455+00.00	TO 456+45.31	LT	34143				0.039									
		455+00.00	TO 456+67.92	RT	33157				0.035									
		457+74.17	TO 460+20.00	LT	34013				0.054									
		457+96.88	TO 460+20.00	RT	33980				0.042									
		460+20.00	TO 461+75.50	LT	34112				0.027									
		460+20.00	TO 461+75.50	RT	34101				0.032									
		448+75.28	TO 449+40.00	LT/RT	34108				0.018									
		449+40.00	TO 453+19.23	LT/RT	34075				0.011									
		0110 4	REMOVAL OF EXISTING CONCRETE PAVEMENT	444+46.26	TO 446+17.48	LT/RT		171.2	4	SY		76.1			463		EXIST. 4' TRAF. SEP.	
				446+32.83	TO 448+42.27	LT/RT		209.44	4			93.1					EXIST. 4' TRAF. SEP.	
448+57.68	TO 448+74.63			LT/RT		16.95	4			7.5				EXIST. 4' TRAF. SEP.				
454+01.40	TO 454+43.51			LT/RT	34041					18.2				EXIST. SPEC. TRAF. SEP.				
454+43.51	TO 456+57.12			LT/RT		213.61	4			94.9				EXIST. 4' TRAF. SEP.				
457+85.07	TO 461+75.50			LT/RT		390.43	4			173.5				EXIST. 4' TRAF. SEP.				

Summary of Mailboxes

SUMMARY OF MAILBOXES				
STATION	SIDE	QUANTITY		CONSTRUCTION REMARKS
		0110	7 1	
		P	F	
702+27	RT	1		
704+72	LT	1		
707+26	LT	1		
707+28	LT	1		
709+28	LT	1		
733+53	RT	1		
745+75	LT	1		
746+23	LT	1		
747+97	LT	1		
753+83	LT	1		
764+02	LT	1		
825+91	RT	1		
826+99	LT	1		
828+71	RT	1		
829+97	RT	1		
840+54	RT	1		
850+24	RT	1		
SUB-TOTAL:		17		
TOTAL:		17		

Summary of Earthwork

SUMMARY OF EARTHWORK				
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		CONSTRUCTION REMARKS
		P	F	
0120 1	REGULAR EXCAVATION			
	MAINLINE	81397.00		
	SIDE STREETS			
	DEMSEY WAY	1067.00		
	BUCKWOOD DR.	51.00		
	CHURCH DRIVEWAY	328.00		
	TAYLOR RD	230.00		
	CHARLAIS ST	136.00		
	HIGHLAND DR	539.00		
	EDENFIELD RD	796.00		
	PEDRICK RD	560.00		
	CHAMPAGNE DR	589.00		
	VINEYARD WAY	55.00		
	ARENDELL LN	107.00		
	WINEY WAY	275.00		
	THORNTON RD	402.00		
	RV PARK	205.00		
	VINELAND DR	74.00		
	VINELAND CTR	208.00		
	CROSS CREEK (NORTH)	94.00		
	CROSS CREEK (SOUTH)	83.00		
	DEVOE DRIVEWAY	18.00		
	WALDEN RD	239.00		
	SIDESTREET SUBTOTAL	6056.00		
	POND 1	30928.00		
	TOTAL REGULAR EXCAVATION	118381.0		
0120 4	SUBSOIL EXCAVATION			
	MAINLINE	72117.00		
	SIDE STREETS			
	BUCKWOOD DR.	177.00		
	CHURCH DRIVEWAY	228.00		
	HIGHLAND DR	285.00		
	EDENFIELD RD	234.00		
	WINEY WAY	275.00		
	THORNTON RD	395.00		
	RV PARK	254.00		
	VINELAND DR	311.00		
	VINELAND CTR	258.00		
	CROSS CREEK (NORTH)	203.00		
	SIDESTREET SUBTOTAL	2620.00		
	TOTAL SUBSOIL EXCAVATION	74737.0		

Summary of Geotechnical Items

SUMMARY OF GEOTECHNICAL ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA.	TO STA.				P	F	P	F		
0145 2	GEOSYNTHETIC REINFORCED FOUNDATION OVER SOFT SOIL	856+96.90	TO 857+58.84	LT	15486	SY	36.0		36.0		RETAINING WALL 7	

Summary of Turnouts

SUMMARY OF TURNOUTS						
LOCATION	SIDE	AREA ID	0286 1		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			SY			
			P	F		
725+13.84 TO 752+08.19	RT	75126	756.80			
SUB-TOTAL:			756.80			
TOTAL:			756.8			

Summary of Pavement

- To include ALL roadway pavement related pay items (asphalt and/or concrete)
 - Does not include Miscellaneous Asphalt.
 - Do not include pavement marking pay items. These go on the Tabulation of Quantities sheets in the Signing & Pavement Marking Plans component.

Summary of Pavement

SUMMARY OF PAVEMENT												
PAY ITEM NO.	DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0285709	Optional Base, Base Group 09 (CONT'D)	760+78.72 to 777+05.29		LT/RT	17199	SY	11981.90		121632.0			
		763+78.12 to 764+84.46	Highland	RT	17419		421.70					
		764+77.99 to 766+10.99		LT	17194		343.10					
		784+18.47 to 793+31.92		RT	17204		11546.10					
		793+31.55 to 795+54.60		LT/RT	17388		2149.70					
		794+98.74 to 796+51.42		RT	17391		528.30					
		795+47.83 to 809+58.15		LT/RT	17402		8922.00					
		795+47.83 to 796+96.82		LT	17434		809.00					
		809+58.01 to 825+84.46	Champagne	LT/RT	17222		5548.60					
		809+58.10 to 825+84.58		LT/RT	17237		5085.50					
		810+60.41 to 810+87.75		RT	17289		63.80					
		810+93.20 to 811+29.55		RT	17294		58.70					
		813+44.33 to 814+40.29	Arendell	LT	17442		370.50					
		825+84.43 to 842+10.94		LT/RT	17243		6403.90					
		825+84.53 to 842+11.00		LT/RT	17266		5729.50					
		825+94.66 to 827+02.87	Winery	RT	17448		408.90					
		832+64.51 to 833+93.75	Thornton	LT	17453		374.50					
		837+80.95 to 839+09.64		LT	17406		312.10					
		842+10.87 to 857+78.00		LT/RT	17306		6211.20					
		842+10.94 to 857+78.01		LT/RT	17321		5525.90					
		843+87.24 to 845+22.29		RT	17299		443.30					
		847+86.43 to 848+77.20		RT	17331		326.10					
		852+10.56 to 853+07.13		RT	17337		191.50					
		852+25.10 to 853+24.74		LT	17342		264.20					
		860+02.99 to 866+00.01		LT/RT	17347		4895.80					
		862+27.58 to 863+54.10		LT	17358		338.00					
		862+60.33 to 863+70.97	Walden	RT	17459		438.50					
0327 70 1	Milling Exist Asph Pavt., 1" Avg Depth	32+59.96 to 34+00.01	Dempsey	LT/RT	76472	SY	386.10		4490.1			
		695+50.00 to 702+29.98		LT/RT	76460		2716.70					
		698+00.00 to 702+29.99		LT	76448		1387.30					
0334 1 23	Superpave Asphaltic Concrete (Traffic C, PG 76-22, PMA)	22+80.00 to 27+48.46	Pedrick	LT/RT	19582	TN	218.32		17055.9		2.5"	
		23+73.54 to 24+17.53		RT	22013		3.73				1" (Pedrick)	
		27+33.50 to 28+63.30	Pedrick	LT/RT	19580		67.17				2.5"	
		28+21.48 to 29+67.83	Highland	LT/RT	19560		57.98				2.5"	
		28+29.92 to 29+72.26	Winery	LT/RT	19598		56.21				2.5"	
		28+32.93 to 29+61.02	Walden	LT/RT	19605		60.28				2.5"	
		28+59.97 to 29+74.35	Charlais	LT/RT	19553		47.32				2.5"	
		28+62.92 to 29+79.47	Pedrick	LT/RT	19712		72.63				2.5"	
		28+77.84 to 29+19.75		LT	19743		8.76				2.5"	
		28+89.30 to 29+40.50		LT/RT	19748		8.07				2.5"	
		30+24.01 to 31+06.15		LT/RT	19522		50.42				2.5"	
		30+31.60 to 31+60.00	Arendell	LT/RT	19592		50.94				2.5"	
		30+36.86 to 31+24.02	Thornton	LT/RT	19888		51.49				2.5"	
		30+38.87 to 31+77.71	Champagne	LT/RT	19584		111.24				2.5"	
		30+38.94 to 31+50.09	Church	LT/RT	19527		48.74				2.5"	
		30+38.96 to 31+00.08	Edenfield	LT/RT	19904		47.16				2.5"	
		30+39.00 to 31+60.00	Taylor	LT/RT	19547		49.71				2.5"	
		30+99.92 to 33+02.09	Edenfield	LT/RT	19576		101.65				2.5"	
		31+06.06 to 32+60.02	Dempsey	LT/RT	19909		83.06				2.5"	
		31+24.02 to 32+60.00	Thornton	LT/RT	19603		46.20				2.5"	

Summary of Miscellaneous Asphalt Pavement

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT								
LOCATION	SIDE	AREA ID	LENGTH	WIDTH	THICK (IN)	UNDER GUARDRAIL		CONSTRUCTION REMARKS
STA. TO STA.						0339	1 (TN)	
						P	F	
857+72.99 TO 857+78.01	LT/RT	45715			1	0.40		
862+00.00 TO 862+70.95	LT	45712			3	2.72		
SUB-TOTAL:						3.12		
TOTAL:						3.1		

Summary of Walls

- Intended for use with Noise Walls, MSE walls, Perimeter Walls, Gravity Walls, and Retaining Walls.
 - Do not include Barrier Walls or Railing.
 - Note: Gravity wall may be shown in the Summary of Barrier Walls if computations performed prior to November 2013.

SUMMARY OF WALLS											
WALL NO.	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			STA. TO STA.			P	F	P	F		

Summary of Box Culverts

SUMMARY OF BOX CULVERTS									
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STATION		P	F	P	F		

Summary of Utility Adjustments

- FDOT has included a template for the Summary of Utility Adjustments. The intention is for it to be used with the pay items for adjusting manholes and valve boxes set in the pavement during milling operations. In order for FDOT to do anything with utilities, there **MUST** be an agreement in place. Most of the time, the utility company does the work. It is notated in the plans that the work is to be performed “by others”. If the contractor does the work, different pay items (1000+) are used and a Utility component set of plans should be included in the plan set.

Summary of Utility Adjustments

SUMMARY OF UTILITY ADJUSTMENTS									
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY		TOTAL		CONSTRUCTION REMARKS
					P	F	P	F	
0425 5	ADJUSTING MANHOLES	712+00.00	LT	EA	1.0		4		
		750+00.00	LT		1.0				
		770+00.00	LT		1.0				
		800+00.00	LT		1.0				

Summary of Miscellaneous Drainage Items

- Use this form ONLY when items cannot be included on Summary of Drainage Structures sheet. It is intended for use when minimal drainage work is to be completed on a project.
- Do not modify this form to duplicate Summary of Drainage Structure columns. If additional columns are needed, use Summary of Drainage Structures sheet.

SUMMARY OF MISCELLANEOUS DRAINAGE ITEMS										
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
0430830	PIPE FILLING AND PLUGGING	850+29.77 TO 851+22.74	RT	CY	6.80		6.8			
0514 72	LINER IMPERMEABLE PVC	853+60.00 TO 855+40.00	RT	SY	1600.0		2756			
		860+14.00 TO 862+60.00	LT		1155.6					

Summary of Curb & Gutter and/or Traffic Separators

- Note: The removal of existing **curb** are included in the cost of the new curb. Do NOT include quantities in the Summary of Removal Items.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS														
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.					GROSS LENGTH	DEDUCTIONS		NET LENGTH		P		
					Specia									
					TS									
					ONLY									



**SECTION 520
CONCRETE GUTTER, CURB ELEMENTS,
AND TRAFFIC SEPARATOR**

520-1 Description.

Construct portland cement concrete curb. Curb will include concrete curb and gutter, concrete traffic separator, valley gutter, special concrete gutter, curb for sidewalk curb ramps and driveways, and any other types of concrete curb not specified in other Sections.

Summary of Permanent Crash Cushions

SUMMARY OF PERMANENT CRASH CUSHIONS												
LOCATION	SIDE	BARRIER SYSTEM		DESIGN LENGTH	DESIGN SPEED	CRASH TEST LEVEL	HAZARD WIDTH	LENGTH RESTRICTION	CRASH CUSHION		DESIGN NOTES	CONSTRUCTION REMARKS
		CONCRETE BARRIER WALL	GUARDRAIL						0544	75		
STATION				FT	MPH	TL-2 / TL-3	IN	FT	P	F		
100+64.50	Lt./Rt.		SGL FACE	18.75	60	TL-3	15.25	N/A	2		STD. GUARDRAIL TRANS.	
103+77.00	Med.		DBL FACE	18.75	60	TL-3	24.50	N/A	1		STD. GUARDRAIL TRANS.	
110+45.00	Med.	FULL WALL		15.00	60	TL-3	24.00	23.75	1		BIDIRECTIONAL TRAFFIC	
125+25.00	Rt.	HALF WALL		15.00	70	TL-3	15.00	N/A	1		UNIDIRECTIONAL TRAFFIC	
775+19.25	Rt.	BRIDGE WALL		12.50	35	TL-2	15.00	15.50	1		DRIVE ENTRANCE RESTRICTON	
995+40.75	Rt.		SPECIAL	15.63	50	TL-3	69.00	39.25	1		GORE AREA (EXIT RAMP)	
SUB-TOTAL									7			
TOTAL									7			

Summary of Performance Turf

- To be used for the Performance Turf pay items and the Prepared Soil Layer.
- When applicable, include subtotal from the Summary of Drainage Structures sheet.

Summary of Structures Quantities

- Sheets to be numbered with BQ#- prefix
 - BQ-# General (or Roadway Summary Boxes)
 - BQ1-# Bridge 1
 - BQ2-# Bridge 2
 - Etc...
- Located behind Key Sheet
 - Behind Summary of Pay Items if Stand Alone set of plans

Summary of Structures Quantities

SUMMARY OF QUANTITIES - BRIDGE 550136										
SECTION	PAY ITEM NO.	DESCRIPTION	LOCATION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
FOUNDATION	0455 34 3	CONCRETE PILING PRESTRESSED (18" SQ.)	END BENT 1	LF	172.3				4 REQ'D	
			INT BENT 2		198.7				4 REQ'D	
			INT BENT 3		139.2			718	3 REQ'D	
			END BENT 4		208.1				4 REQ'D	
	0455143 3	TEST PILES (PRESTRESSED CONCRETE) (18" SQ.)	END BENT 1	LF	60.0				1 REQ'D	
			INT BENT 2		65.0				1 REQ'D	
			INT BENT 3		180.0			375	2 REQ'D	
			END BENT 4		70.0				1 REQ'D	
	0455146	EMBEDDED DATA COLLECTOR	BENTS 1 - 4	EA	5.0			5	1 PER TEST PILE	
	0530 1	RIPRAP (SAND-CEMENT)	BEGIN BRIDGE ABUTMENT	CY	15.06					
		END BRIDGE ABUTMENT		15.06			30.1			
0530 3 3	RIPRAP (RUBBLE) (BANK AND SHORE)	BEGIN BRIDGE ABUTMENT	TN	400.86						
		END BRIDGE ABUTMENT		363.69			764.6			
0530 74	BEDDING STONE	BEGIN BRIDGE ABUTMENT	TN	142.75						
		END BRIDGE ABUTMENT		129.51			272.3			
SUBSTRUCTURE	0400 4 5	CONCRETE CLASS IV (SUBSTRUCTURE)	END BENT 1	CY	26.59					
			END BENT 4		26.59			83.8		
			INT BENT 2		15.33					
			INT BENT 3		15.33					
	0415 1 5	REINFORCING STEEL (SUBSTRUCTURE)	END BENT 1	LB	3630					
			END BENT 4		3630			11090		
		INT BENT 2		1915						
		INT BENT 3		1915						
0400147	COMPOSITE NEOPRENE PADS			CF	6.26			6.3		
0400 2 4	CONCRETE CLASS II (SUPERSTRUCTURE)	3 SPAN SUPERSTRUCTURE	CY	195.43				195.4		
0415 1 4	REINFORCING STEEL (SUPERSTRUCTURE)	3 SPAN SUPERSTRUCTURE	LB	37211				37211		
0400 9	BRIDGE DECK AND PLANING (BRIDGE DECK THK 8.5 OR GREATER)	APPROACH SLAB 1	SY	7.1						
		BRIDGE		586.7				601		
		APPROACH SLAB 2		7.1						
0450 1 1	PRESTRESSED BEAM (TYPE II)	SPAN 1	LF	271.0					5 BEAMS @ 54'-2 1/2"	
		SPAN 2		271.5				853	5 BEAMS @ 54'-3 1/2"	
		SPAN 3		271.0					5 BEAMS @ 54'-2 1/2"	
0458 1 11	BRIDGE DECK EXPANSION JOINT, NEW CONST, F&I	BEGIN BRIDGE	LF	39.0						
		END BRIDGE		39.0				78		
APPROACH SLABS	0400 2 10	CONCRETE CLASS II (APPROACH SLABS)	APPROACH SLAB 1	CY	47.56					
			APPROACH SLAB 2		47.56			95.1		
	0415 1 9	REINFORCING STEEL (APPROACH SLABS)	APPROACH SLAB 1	LB	8825					
			APPROACH SLAB 2		8825			17650		
RAILING/ BARRIERS	0460 70 2	ALUMINUM RAILINGS (DOUBLE RAIL)	STA. 857+78.00 TO 860+03.00	LF	225.0			225		
	0521 5 1	CONCRETE TRAFFIC RAILING BARRIER BRIDGE (32" F)	STA. 857+78.00 TO 860+03.00	LF	225.0					LT
			STA. 857+78.00 TO 860+03.00	LF	225.0			450		RT
	0521 6 1	CONCRETE PARAPET (PEDESTRIAN/BICYCLE)	STA. 857+78.00 TO 860+03.00	LF	225.0			225		LT
LUMP SUM ITEMS	0110 3	STRUCTURE REMOVAL OF EXISTING	EXISTING BRIDGE	LS/SY	4563					
			EX. APPR. SLAB 1		800			6163		
			EX. APPR. SLAB 2		800					
	0455 18	PROTECTION OF EXISTING STRUCTURES		LS	1			1		

Lump Sum Projects

- Revisions have been underway for many of the manuals. Chapter 22 – Lump Sum Project Guidelines of the Plans Preparation Manual has been released.
- Changes:
 - A pay item note for the lump sum pay item 999-2 will be placed on the Summary of Pay Items sheet stating, “All other Pay item numbers shown in the Contract Plans are provided only for the purpose of describing the work to be performed. Pay item descriptions are found in the Department’s Basis of Estimates Manual.”
 - This note is NOT to be included on any of the other plan sheets or components.
 - Quantities for all work to be performed on the project shall be documented in the summary boxes for Roadway and Structures disciplines or on a tabulation of quantities sheet for all other disciplines. Note - Summary boxes and tabulation sheets should not have totals. Use of pay items is optional but should be consistent throughout the plan set. The standard summary boxes contained in the FDOT CADD software should be used.
 - When cross sections are provided, earthwork columns should not be used.
 - Note that all the rest of the verbiage regarding not including the earthwork has been removed. It is to be calculated when cross sections are required and included in a summary box.

Lump Sum Projects

- Pay Item column on the summary boxes and tabulation sheets should remain, however they need to remain blank.
- Pay Item TOTALS shall not be included but the column should remain.

LOCATION STA. @ OF DRIVEWAY	SIDE	AREA ID	MATERIAL				DESIGN NOTES	CONSTRUCTION REMARKS
			CONCRETE (SY)		ASPHALT (TN)			
			P	F	P	F		
73+95.35	RF	22073			3.79		* (PULVERTON)	
72+21.13	LF	22046			2.96		* (PULVERTON)	
707+66.35	LF	21924			1.78		*	
709+43.25	LF	21926			1.57		*	
711+02.80	LF	21928			1.69		*	
716+09.29	LF	21930			2.00		*	
717+55.00	LF	21931			5.46		*	
719+00.00	LF	21932			1.78		*	
719+00.00	RF	22015			1.78		*	
799+62.80	RF	22015			1.87		*	
802+32.27	RF	22017			1.62		*	
804+59.17	RF	22023			1.29		*	
806+09.59	RF	22028			1.62		*	
811+15.78	LF	22030			1.51		*	
813+90.09	LF	22032			1.22		*	
816+77.96	LF	22034			1.14		*	
		SUB-TOTAL						
		TOTAL						

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				P	F	P	F		
	Concrete Curb & Gutter, Type E	705+16.83 to 705+67.00		21879	LF		51.3				
		705+16.83 to 705+83.27		8689			66.5				
		705+67.00 to 705+83.26		21875			16.3				
		705+83.26 to 709+89.99		21877			406.8				
		705+83.26 to 712+46.15		70151			663.0				
		705+83.27 to 709+39.83		8686			356.6				
		709+39.83 to 709+89.83		70147			51.2				

Lump Sum Projects

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SUMMARY OF GENERAL ITEMS						
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNITS	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
			P	F		
	MOBILIZATION	LS	1			
	MAINTENANCE OF TRAFFIC	LS	1			
	TRAFFIC CONTROL OFFICER	MH	16			
	WORK ZONE SIGN	ED	3000			
	TEMPORARY BARRICADE-TYPES I,II,DI,VP,DRUM,OR LCD	ED	1440			
	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED	1500			
	LITTER REMOVAL	AC	9.090			
	MOWING	AC	9.090			
	CLEARING & GRUBBING	LS	1			
	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	28			
	PERFORMANCE TURF, SOD	SY	9			
	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	172			
	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2505			
	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	60			
	SIGNALS COMMUNICATION CABLE-TWISTED PAIR CABLE	LF	5849			
	SPAN WIRE ASSEMBLY, F&I, TWO POINT, PERPENDICULAR	PI	2			
	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	23			
	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER FURNISHED BY POWER COMPANY	AS	1			
	ELECTRICAL SERVICE WIRE	LF	100			
	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1			
	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1			
	PRESTRESSED CONCRETE POLE, F&I, TYPE P-V	EA	2			
	TRAFFIC SIGNAL, F&I, 1 SECTION, 1 WAY, ALUMINUM	AS	4			
	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EA	8			
	POLE REMOVAL, SHALLOW, DIRECT BURIAL	EA	4			
	CONTROLLER ASSEMBLY, REMOVE, CAB ASSEMBLY, LESS FOUNDATION	EA	2			
	SPAN WIRE ASSEMBLY, REMOVE	EA	3			
	CONDUIT & CABLING- WITHIN INTERSECTION, REMOVE	PI	3			
	SIGNAL EQUIPMENT MISCELLANEOUS REMOVE	PI	3			
	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	9			
	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	2			
	SINGLE POST SIGN, RELOCATE	AS	3			
	SINGLE POST SIGN, REMOVE	AS	4			
	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	2			
	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 31-50 SF	EA	4			
	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	1			
	SIGN PANEL, REMOVE, UP TO 12 SF	EA	2			
	SIGN PANEL, REMOVE, 31-50 SF	EA	6			
	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT - AC POWERED,	AS	8			
	ELECTRONIC REGULATORY SIGN, 12-20 SF					
	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- SOLAR POWERED,	AS	2			
	ELECTRONIC REGULATORY SIGN, 12-20 SF					
	SIGN BEACON, F&I GROUND MOUNT- AC POWERED, ONE BEACON	AS	2			
	SIGN BEACON, F&I GROUND MOUNT- AC POWERED, TWO BEACONS	AS	2			
	SIGN BEACON, F&I OVERHEAD MOUNT, ONE BEACON	AS	2			
	SIGN BEACON, F&I OVERHEAD MOUNT, TWO BEACONS	AS	1			
	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	346			
	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	328			
	THERMOPLASTIC, STANDARD, WHITE, SOLID, MESSAGE	EA	3			
	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1			

Questions???



Thank-you for joining today's presentation.

Need some HELP? Contact me...

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<http://www.dot.state.fl.us/ecso>

FDOT CADD Support Forum On-line

http://communities.bentley.com/communities/user_communities/fdot_cadd_support/default.aspx