

700- 1- AB SINGLE POST SIGN

Unit AS **Accuracy** Assembly **PlanQuantity?** no

Notes **Effective July 2015 and later: See details for wrong way signs. Refer to Roadway Design Bulletin 15-08 for additional details.**

Details This item includes all sign panel(s), post(s) and foundation for a complete assembly. Ensure that sign assemblies meet the wind load area requirements of the design standards. For determining the sheeting area for payment, add the area of all sign messages on the assembly (front and back messages).

See Pay Item 700-13- AB For Reflective Strips, as well as Estimates Bulletin 15-05 / Traffic Operations Bulletin 04-15.

~~are pending. DO NOT USE REFLECTIVE STRIP on other signs/posts.~~

GROUND MOUNT: Includes the signs, hardware, post, and foundation, per index 11860 and 11861

BARRIER MOUNT: Includes the signs, hardware, post, and materials necessary to complete the mount, per index 11871.

BRIDGE MOUNT: Includes the signs, hardware, post, and materials necessary to complete the mount, per index 11870.

CUSTOM: Includes the signs, hardware, post and materials necessary to complete the mount. This item should ONLY be used when standard single or multi-post assemblies are not possible. Complete design is required in the plans.

RELOCATE/REMOVE: Includes panels, posts, foundation, and any other items attached to the assembly (beacon, solar panel, etc.), as noted in the plans. Removed items become the property of the contractor, unless otherwise noted in the plans/specs.

Related Items	Required	Recommended
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Plan Summary Box	Signing and Pavement Markings: Tabulation of Quantities	
	Summarize items by pay item and location.	

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation	NA: Not applicable- use plan summary box
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Construction Forms and Documentation

References	PPM Chapter Trns-port Other Standards Specifications
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TRNS*PORT Category (DRAFT FIELD): 0300

Signing and Pavement Markings

Struct. 700- 1- AB SINGLE POST SIGN AS

A= Operation

1 (Furnish & Install Ground Mount) max wind load 30 ft²

2 (Furnish & Install Barrier Mount, Index 11871) max wind load area 20 ft²*

3 (Furnish & Install Bridge Mount, Index 11870) max wind load area per index

4 (Install) furnished by FDOT or local agency

5 (Relocate) B=0; relocated within project

6 (Remove) B=0

7 (Furnish & Install, Custom with Wind load area >30 ft²) plan details required for special post, B=4

8 (Repair) for Maintenance use only; B=0

B= Combined sheeting area of all panels on post

1 (Up to 12 ft²)

2 (12-20 ft²)

3 (21-30 ft²)

4 (31+ ft²)

5 (21-24 ft²) *valid for A=2 only, pending for updated index 11871

8 (In-Street Flexible Post) A=1

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS		1/1/2014	
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS		1/1/2014	
0700 1 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS		1/1/2014	
0700 1 14	SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF	AS		1/1/2014	
0700 1 18	SINGLE POST SIGN, F&I GROUND MOUNT, IN-STREET FLEXIBLE POST SIGN	AS		1/1/2014	
0700 1 21	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871 UP TO 12 SF	AS		1/1/2014	
0700 1 22	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871 12-20 SF	AS		1/1/2014	
0700 1 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, UP TO 12 SF	AS		1/1/2014	
0700 1 32	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, 12-20 SF	AS		1/1/2014	
0700 1 33	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, 21-30 SF	AS		1/1/2014	
0700 1 40	SINGLE POST SIGN, INSTALL	AS		1/1/2014	
0700 1 50	SINGLE POST SIGN, RELOCATE	AS		1/1/2014	
0700 1 60	SINGLE POST SIGN, REMOVE	AS		1/1/2014	
0700 1 74	SINGLE POST SIGN, F&I CUSTOM, 31+ SF	AS	T	1/1/2014	

0700 1 80	SINGLE POST SIGN, REPAIR	AS	P	1/1/2014
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700- 2- AB		MULTI POST SIGN	
	Unit	AS	Accuracy Assembly PlanQuantity? no
Notes			
Details	This item includes all sign panel(s), post(s) and foundation for a complete assembly.		
	INSTALL: Includes the materials necessary to install the sign assembly. Note in the plans if posts are provided by contractor or FDOT/maintaining agency.		
	RELOCATE: Includes the complete removal of the foundation, and reinstallation of the sign assembly.		
	REPAIR: Details must be provided in the contract documents.		
Related Items	Required	Recommended	
Plan Summary Box	Signing and Pavement Markings: Tabulation of Quantities Summarize items by pay item and location.		
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>			
Design Forms and Documentation	NA: Not applicable- use plan summary box		
Construction Forms and Documentation			
References	PPM Chapter Trns-port Other Standards Specifications		
TRNS*PORT Category (DRAFT FIELD):		0300	Signing and Pavement Markings
Struct.	700- 2- AB	MULTI POST SIGN	AS
	A= Operation 1 (Furnish & Install, Ground Mount) 4 (Install) B=0 Sign provided by FDOT or maintaining agency 5 (Relocate) B=0 6 (Remove) dispose, unless otherwise indicated in plans; B=0 8 (Repair) for Maintenance use only; B=0 B= Combined sheeting area of all panels on assembly 1 (Up to 12 ft2) 2 (12-20 ft2) 3 (21-30 ft2) 4 (31-50 ft2) 5 (51-100 ft2) 6 (101-200 ft2) 7 (201-300 ft2) 8 (301-400 ft2)		

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 2 11	MULTI- POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS		1/1/2014	
0700 2 12	MULTI- POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS		1/1/2014	
0700 2 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS		1/1/2014	
0700 2 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS		1/1/2014	
0700 2 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS		1/1/2014	
0700 2 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS		1/1/2014	
0700 2 17	MULTI- POST SIGN, F&I GROUND MOUNT, 201-300 SF	AS		1/1/2014	
0700 2 18	MULTI- POST SIGN, F&I GROUND MOUNT, 301-400 SF	AS		1/1/2014	
0700 2 40	MULTI- POST SIGN, INSTALL	AS	D	1/1/2014	
0700 2 50	MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE	AS		1/1/2014	
0700 2 60	MULTI- POST SIGN, F&I GROUND MOUNT, REMOVE	AS		1/1/2014	
0700 2 80	MULTI- POST SIGN, F&I GROUND MOUNT, REPAIR	AS	M	1/1/2014	

700- 3-ABB	SIGN PANEL		
Notes	Unit	EA	Accuracy Each
Details	PlanQuantity? no		
Notes	<p>Effective January 2014, with new Section 700 specification. Refer to Estimates Bulletin 13-11. Expanded sign sizes to include lighted overhead signs. Refer to Roadway/Construction/Maintenance Bulletin of Oct 11, 2013.</p>		
Details	<p>A panel includes a complete message with border. DO NOT combine all panels on a structure.</p>		
Details	<p>Panels are paid separately for new overhead, span wire, and mast arm installations, or when adding a panel to an existing sign assembly. For replace operations, use "Remove" with "F&I" or "Install", as needed; new panels must meet current sheeting requirements.</p>		
Details	<p>For single post and multi-column signs, ALL PANELS on a new assembly are included in the payment for the assembly. The sign panel pay item is only used for single/multi post signs when adding/removing a panel from an existing support structure.</p>		
Details	<p>OVERLAYS: Overlays are limited to maintenance activities. Changes to signs during construction should use new signs meeting current sheeting requirements.</p>		
Details	<p>LIGHTING: Lighting is only used when called for in accordance with the Plans Preparation Manual, as amended by Roadway Design Bulletin 13-12: Only with a horizontal curve with radii of 880 ft or less in rural areas, and 2500 ft or less in urban areas. Project specific pay items will be opened upon approval.</p>		
Details	<p>For lighted overhead signs, include all costs of the electrical installation for lighting, up to the point of connection by others. Refer to Index 17505 for installation requirements. The lighted panel pay item should only be used for the main panel; supplemental panels should use the non-lighted panel sizes.</p>		
Details	<p>REMOVE: Includes panel only. For removal of single or multi-post sign removal including posts & foundation , see pay items 700-1- and 700-2-. For removal of overhead sign structures, see 700-3-.</p>		
Details	<p>REPLACE: Use separate pay items to remove old sign panel and F&I new sign panel.</p>		
Details	<p>RELOCATE: Includes the removal and reinstallation of the sign panel within the project. For relocation of single/multi-post sign assemblies (including posts), use pay items 700-1- and 700-2- as applicable.</p>		
Related Items	Required	Recommended	
Plan Summary Box	<p>Signing and Pavement Markings: Tabulation of Quantities Summarize items by pay item and location.</p>		
<p><i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i></p>			
<p>Design Forms and Documentation</p>			
<p>Construction Forms and Documentation</p>			
References	PPM Chapter	2015: Vol 1, 7.2.5 for lighting overhead signs	
	Trns-port		

**Other
Standards** Index No. 17505
Specifications

TRNS*PORT Category (DRAFT FIELD): 0300

Signing and Pavement Markings

Struct. 700- 3-ABB SIGN PANEL EA

A= Operation

1 (Furnish & Install, Ground Mount) add panel to existing single post or multi-post sign assembly

2 (Furnish & Install, Overhead Mount) add a panel to existing span wire, mast arm or other overhead structure paid under 700-4-ABC. For lighted overhead signs, use BB=24-31.

3 (Furnish & Install, Bridge Mount Index 11870) add panel to existing bridge mount single post sign assembly; BB=1-3

4 (Install) furnished by FDOT or local agency, for installation on existing sign assembly or new/existing sign structure

5 (Relocate) panel only; does not include post/structure

6 (Remove) panel only; does not include post/structure

7 (Wash) for maintenance use

Replace: use Remove/F&I

BB= Size, square feet

01 (Up to 12 ft2) OVERLAYS: see details above

02 (12-20 ft2) OVERLAYS: see details above

03 (21-30 ft2) OVERLAYS: see details above

04 (31-50 ft2)

05 (51-100 ft2)

06 (101-200 ft2)

07 (201-300 ft2)

08 (301-400 ft2)

09 (401-500 ft2)

10 (501-600 ft2)

11 (601 ft2 and greater)

BB=Panel Size, square feet OVERHEAD MOUNT SIGNS WITH LIGHTING: See details above.

VALID THROUGH 12-31-15; for approved exceptions, project specific pay items will be opened.

24 (up to 50 ft2 with lighting)*

25 (51-100 ft2 with lighting)

26 (101-200 ft2 with lighting)

27 (201-300 ft2 with lighting)

28 (301-400 ft2 with lighting)

29 (401-500 ft2 with lighting)

30 (501-600 ft2 with lighting)

31 (601 ft2 and greater with lighting)

*Supplemental panels (0-50 sf), use non-lighted sizes above.

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 3101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA		1/1/2014	
0700 3102	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 12-20 SF	EA		1/1/2014	
0700 3103	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 21-30 SF	EA		1/1/2014	
0700 3104	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 31-50 SF	EA		1/1/2014	
0700 3105	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 51-100 SF	EA		1/1/2014	
0700 3106	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 101-200 SF	EA		1/1/2014	
0700 3107	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 201-300 SF	EA		1/1/2014	
0700 3108	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 301-400 SF	EA		1/1/2014	
0700 3109	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 401-500 SF	EA		1/1/2014	
0700 3201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA		1/1/2014	
0700 3202	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 12-20 SF	EA		1/1/2014	
0700 3203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA		1/1/2014	
0700 3204	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 31-50 SF	EA		1/1/2014	
0700 3205	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF	EA		1/1/2014	
0700 3206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA		1/1/2014	
0700 3207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA		1/1/2014	
0700 3208	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 301-400 SF	EA		1/1/2014	
0700 3209	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 401-500 SF	EA		1/1/2014	
0700 3210	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 501-600 SF	EA		1/1/2014	
0700 3211	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 601 SF AND GREATER	EA		1/1/2014	
0700 3224	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 50 SF WITH LIGHTING	EA		1/1/2014	
0700 3225	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF WITH LIGHTING	EA		1/1/2014	

0700 3226	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF WITH LIGHTING	EA	1/1/2014
0700 3227	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF WITH LIGHTING	EA	1/1/2014
0700 3228	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 301-400 SF WITH LIGHTING	EA	1/1/2014
0700 3229	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 401-500 SF WITH LIGHTING	EA	1/1/2014
0700 3231	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 601 SF AND GREATER WITH LIGHTING	EA	1/1/2014
0700 3301	SIGN PANEL, FURNISH & INSTALL BRIDGE MOUNT INDEX 11870, UP TO 12 SF	EA	1/1/2014
0700 3302	SIGN PANEL, FURNISH & INSTALL BRIDGE MOUNT INDEX 11870, 12-20 SF	EA	1/1/2014
0700 3303	SIGN PANEL, FURNISH & INSTALL BRIDGE MOUNT INDEX 11870, 21-30 SF	EA	1/1/2014
0700 3304	SIGN PANEL, FURNISH & INSTALL BRIDGE MOUNT INDEX 11870, 31-50 SF	EA	1/1/2014
0700 3403	SIGN PANEL, INSTALL, 21-30 SF	EA	1/1/2014
0700 3405	SIGN PANEL, INSTALL, 51-100 SF,	EA	1/1/2014
0700 3501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	1/1/2014
0700 3502	SIGN PANEL, RELOCATE, 12-20 SF	EA	1/1/2014
0700 3503	SIGN PANEL, RELOCATE, 21-30 SF	EA	1/1/2014
0700 3504	SIGN PANEL, RELOCATE, 31-50 SF	EA	1/1/2014
0700 3505	SIGN PANEL, RELOCATE, 51-100 SF	EA	1/1/2014
0700 3506	SIGN PANEL, RELOCATE, 101-200 SF	EA	1/1/2014
0700 3507	SIGN PANEL, RELOCATE, 201-300 SF	EA	1/1/2014
0700 3508	SIGN PANEL, RELOCATE, 301-400 SF	EA	1/1/2014
0700 3509	SIGN PANEL, RELOCATE, 401-500 SF	EA	1/1/2014
0700 3526	SIGN PANEL, RELOCATE, 101-200 SF OVERHEAD MOUNT WITH LIGHTING	EA	1/1/2014
0700 3527	SIGN PANEL, RELOCATE, 201-300 SF OVERHEAD MOUNT WITH LIGHTING	EA	1/1/2014
0700 3530	SIGN PANEL, RELOCATE, 501-600 SF OVERHEAD MOUNT WITH LIGHTING	EA	1/1/2014
0700 3601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1/1/2014
0700 3602	SIGN PANEL, REMOVE, 12-20 SF	EA	1/1/2014
0700 3603	SIGN PANEL, REMOVE, 21-30 SF	EA	1/1/2014
0700 3604	SIGN PANEL, REMOVE, 31-50 SF	EA	1/1/2014
0700 3605	SIGN PANEL, REMOVE, 51-100 SF	EA	1/1/2014
0700 3606	SIGN PANEL, REMOVE, 101-200 SF	EA	1/1/2014

0700 3607	SIGN PANEL, REMOVE, 201-300 SF	EA	1/1/2014
0700 3608	SIGN PANEL, REMOVE, 301-400 SF	EA	1/1/2014
0700 3609	SIGN PANEL, REMOVE, 401-500 SF	EA	1/1/2014
0700 3610	SIGN PANEL, REMOVE, 501-600 SF	EA	1/1/2014
0700 3611	SIGN PANEL, REMOVE, 601 SF AND GREATER	EA	1/1/2014
0700 3624	SIGN PANEL, REMOVE, UP TO 50 SF WITH LIGHTING	EA	1/1/2014
0700 3625	SIGN PANEL, REMOVE, 51-100 SF WITH LIGHTING	EA	1/1/2014
0700 3626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA	1/1/2014
0700 3627	SIGN PANEL, REMOVE PANEL, 201-300 SF WITH LIGHTING	EA	1/1/2014
0700 3628	SIGN PANEL, REMOVE PANEL, 301-400 SF WITH LIGHTING	EA	1/1/2014
0700 3629	SIGN PANEL, REMOVE PANEL, 401-500 SF WITH LIGHTING	EA	1/1/2014
0700 3630	SIGN PANEL, REMOVE PANEL, 501-600 SF WITH LIGHTING	EA	1/1/2014
0700 3631	SIGN PANEL, REMOVE PANEL, 601 SF AND GREATER WITH LIGHTING	EA	1/1/2014

700- 4-ABC OVERHEAD STATIC SIGN STRUCTURE

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

The sign support structure includes the foundation. Sign panels are paid separately.

CANTILEVER: Includes "butterfly" and "lollipop" cantilevers where the sign is centered on the vertical support.

OVERPASS BRIDGE MOUNT: This is intended for signs mounted to the side of the overpass, for traffic lanes below. Complete design is required in the plans. NOT intended for bridge mounted signs per Index 11870; see pay item 700-1-AB for these signs.

Related Items

Required

Recommended

Plan Summary Box

Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 700- 4-ABC OVERHEAD STATIC SIGN STRUCTURE EA

- A= Operation
- 1 (Furnish & Install)
- 5 (Relocate)
- 6 (Remove) C=0
- 8 (Repair) C=0 Plan Details or Tech Spec req'd
- B= Type
- 1 (Cantilever) includes "butterfly" with 0 cantilever length
- 2 (Span) NOT FOR SPAN WIRE
- 3 (Monotube)complete design in the plans is required.
- 4 (Overpass Bridge Mount) NOT INDEX 11870. Complete design is required in the plans, C=0
For Span Wire mount, see Section 634 specs and pay items.
- C= Structure Cantilever or Span length
- 1 (Up to 20 ft) cantilever or overpass bridge mount
- 2 (21-30 ft)
- 3 (31-40 ft)
- 4 (41-50 ft)
- 5 (51-100 ft) span only

- 6 (101-150 ft) span only
- 7 (151-200 ft) span only
- 8 (201 ft and greater) span only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 4111	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT	EA		1/1/2014	
0700 4111	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, UP TO 20 FT	EA		1/1/2014	
0700 4112	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT	EA		1/1/2014	
0700 4112	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT	EA		1/1/2014	
0700 4113	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT	EA		1/1/2014	
0700 4113	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT	EA		1/1/2014	
0700 4114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA		1/1/2014	
0700 4114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA		1/1/2014	
0700 4121	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, UP TO 20 FT	EA		1/1/2014	
0700 4121	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, UP TO 20 FT	EA		1/1/2014	
0700 4122	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 21-30 FT	EA		1/1/2014	
0700 4122	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 21-30 FT	EA		1/1/2014	
0700 4123	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 31-40 FT	EA		1/1/2014	
0700 4123	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 31-40 FT	EA		1/1/2014	
0700 4124	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 41-50 FT	EA		1/1/2014	
0700 4124	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 41-50 FT	EA		1/1/2014	
0700 4125	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 51-100 FT	EA		1/1/2014	
0700 4125	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 51-100 FT	EA		1/1/2014	
0700 4126	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 101-150 FT	EA		1/1/2014	

0700 4126	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 101-150 FT	EA		1/1/2014
0700 4127	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 151-200 FT	EA		1/1/2014
0700 4127	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 151-200 FT	EA		1/1/2014
0700 4128	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 201 FT AND GREATER	EA		1/1/2014
0700 4128	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 201 FT AND GREATER	EA		1/1/2014
0700 4132	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MONOTUBE, 21-30 FT	EA		1/1/2014
0700 4132	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, MONOTUBE, 21-30 FT	EA		1/1/2014
0700 4140	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, OVERPASS BRIDGE MOUNT	EA		1/1/2014
0700 4140	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, OVERPASS BRIDGE MOUNT	EA		1/1/2014
0700 4512	OVERHEAD STATIC SIGN STRUCTURE, RELOCATE, CANTILEVER, 21-30 FT	EA	D	1/1/2014
0700 4512	OVERHEAD STATIC SIGN STRUCTURE, RELOCATE, CANTILEVER, 21-30 FT	EA	D	1/1/2014
0700 4514	OVERHEAD STATIC SIGN STRUCTURE, RELOCATE, CANTILEVER, 41-50 FT	EA	P	1/1/2014
0700 4514	OVERHEAD STATIC SIGN STRUCTURE, RELOCATE, CANTILEVER, 41-50 FT	EA	P	1/1/2014
0700 4610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	EA		1/1/2014
0700 4610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	EA		1/1/2014
0700 4620	OVERHEAD STATIC SIGN STRUCTURE, REMOVE SPAN	EA		1/1/2014
0700 4620	OVERHEAD STATIC SIGN STRUCTURE, REMOVE SPAN	EA		1/1/2014
0700 4640	OVERHEAD STATIC SIGN STRUCTURE, REMOVE BRIDGE MOUNT	EA		1/1/2014
0700 4640	OVERHEAD STATIC SIGN STRUCTURE, REMOVE BRIDGE MOUNT	EA		1/1/2014

700- 5- AB INTERNALLY ILLUMINATED SIGN

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Internally Illuminated signs include street name signs.

All mounting hardware is included in the sign pay item. The support structure (poles, span wire, and/or mast arm) is paid separately.

Per PPM, Vol 2, Chapter 24, signs should be detailed in the Signing and Pavement Marking Plans (including signal mast arm mounted signs).

Related Items

Required **Recommended**

Plan Summary Box

Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards PPM Vol 2, Chapter 24
Specifications

TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 700- 5- AB INTERNALLY ILLUMINATED SIGN EA

- A= Operation
- 1 (Furnish & Install, Ground Mount) includes single post
- 2 (Furnish & Install, Overhead Mount) includes span wire or mast arm installation
- 4 (Install) B=0; furnished by FDOT or local agency
- 5 (Relocate) B=0
- 6 (Remove) B=0
- B= Size, square feet
- 1 (Up to 12 ft2)
- 2 (12-18 ft2) max 18 ft2 for internal illumination, per specification

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 5 11	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA		1/1/2014	
0700 5 11	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA		1/1/2014	
0700 5 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA		1/1/2014	
0700 5 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA		1/1/2014	
0700 5 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA		1/1/2014	
0700 5 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA		1/1/2014	
0700 5 40	INTERNALLY ILLUMINATED SIGN, INSTALL-FURNISHED BY FDOT	EA		1/1/2014	
0700 5 40	INTERNALLY ILLUMINATED SIGN, INSTALL-FURNISHED BY FDOT	EA		1/1/2014	
0700 5 50	INTERNALLY ILLUMINATED SIGN, RELOCATE	EA		1/1/2014	
0700 5 50	INTERNALLY ILLUMINATED SIGN, RELOCATE	EA		1/1/2014	
0700 5 60	INTERNALLY ILLUMINATED SIGN, REMOVE	EA		1/1/2014	
0700 5 60	INTERNALLY ILLUMINATED SIGN, REMOVE	EA		1/1/2014	

700- 6- AB HIGHLIGHTED SIGN

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Highlighted sign (LED border lights) includes the LEDs, static sign, support structure, foundation, cabinet, solar panel, and hardware.

Stop, Do Not Enter, Yield, and Wrong Way signs that are highlighted must use red LEDs. All other signs must use LEDs which resemble the color of the sign background color. Refer to the specification for additional requirements.

Related Items

Required **Recommended**

Plan Summary Box

Signing and Pavement Markings: Tabulation of Quantities
 Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet
 Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0300 Signing and Pavement Markings

Struct. **700- 6- AB** **HIGHLIGHTED SIGN** **EA**

A= Operation
 1 (Furnish & Install, Ground Mount) max wind load 30ft2
 4 (Install) furnished by FDOT or local agency
 5 (Relocate) B=0
 6 (Remove) B=0
 B=Size, square feet
 1 (Up to 12 ft2)
 2 (12-20 ft2)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 6 11	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, UP TO 12 SF	AS		1/1/2014	
0700 6 12	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, 12-20 SF	AS		1/1/2014	
0700 6 21	HIGHLIGHTED SIGN, F&I GROUND MOUNT- SOLAR POWERED, UP TO 12 SF	AS		1/1/2014	
0700 6 22	HIGHLIGHTED SIGN, F&I GROUND MOUNT- SOLAR POWERED, 12-20 SF	AS		1/1/2014	
0700 6 40	HIGHLIGHTED SIGN, INSTALL	AS		1/1/2014	
0700 6 50	HIGHLIGHTED SIGN, RELOCATE	AS		1/1/2014	
0700 6 60	HIGHLIGHTED SIGN, REMOVE	AS		1/1/2014	

700- 7-ABC EMBEDDED DYNAMIC MESSAGE SIGN

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details Includes the embedded sign only; static sign and support structure is paid separately.

Related Items **Required** **Recommended**

Plan Summary Box Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0300 Signing and Pavement Markings

Struct. **700- 7-ABC** **EMBEDDED DYNAMIC MESSAGE SIGN** **EA**

- A= Operation
- 1 (Furnish & Install, with UPS)
- 2 (Furnish & Install, without UP
- 4 (Install) furnished by FDOT or local agency
- 5 (Relocate) BC=00
- 6 (Remove) BC=00
- 7 (Preventive Maintenance) BC=00
- 8 (Diagnostic and Misc. Repair) BC=00
- B=Display Type
- 1 (Monochrome)
- 2 (Tri-Color)
- 3 (Full Color)
- C= Size, square feet
- 1 (Up to 12 ft2)
- 2 (12-20 ft2)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 7111	EMBEDDED DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, MONOCHROME, UP TO 12 SF	EA		1/1/2014	
0700 7112	EMBEDDED DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, MONOCHROME, 12-20 SF	EA		1/1/2014	
0700 7132	EMBEDDED DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, FULL COLOR, 12-20 SF	EA		1/1/2014	
0700 7211	EMBEDDED DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WO UPS, MONOCHROME, UP TO 12 SF	EA		1/1/2014	
0700 7500	EMBEDDED DYNAMIC MESSAGE SIGN, RELOCATE	EA	P	1/1/2014	
0700 7600	EMBEDDED DYNAMIC MESSAGE SIGN, REMOVE	EA		1/1/2014	

700- 8-ABC FRONT ACCESS DYNAMIC MESSAGE SIGN

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details Includes the front access sign only; static sign and support structure is paid separately.

Related Items **Required** **Recommended**

Plan Summary Box Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0300 Signing and Pavement Markings

Struct. **700- 8-ABC** **FRONT ACCESS DYNAMIC MESSAGE SIGN** **EA**

- A= Operation
- 1 (Furnish & Install, with UPS)
- 2 (Furnish & Install, without UPS)
- 4 (Install) furnished by FDOT or local agency
- 5 (Relocate) BC=00
- 6 (Remove) BC=00
- 7 (Preventive Maintenance) BC=00
- 8 (Diagnostic and Misc. Repair) BC=00
- B=Display Type
- 1 (Monochrome)
- 2 (Tri-Color)
- 3 (Full Color)
- C= Size, square feet
- 1 (Up to 12 ft2)
- 2 (12-20 ft2)
- 3 (21-30 ft2)
- 4 (31-50 ft2)
- 5 (51-100 ft2)
- 6 (101-200 ft2)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 8111	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, MONOCHROME, UP TO 12 SF	EA		1/1/2014	
0700 8113	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, MONOCHROME, 21-30 SF	EA		1/1/2014	
0700 8115	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, MONOCHROME, 51-100 SF	EA		1/1/2014	
0700 8116	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, MONOCHROME, 101-200 SF	EA		1/1/2014	
0700 8133	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, FULL COLOR, 21-30 SF	EA		1/1/2014	
0700 8134	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, FULL COLOR, 31-50 SF	EA		1/1/2014	
0700 8135	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, FULL COLOR, 51-100 SF	EA		1/1/2014	
0700 8216	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH OUT UPS, MONOCHROME, 101-200 SF	EA		1/1/2014	
0700 8221	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH OUT UPS, TRI-COLOR, 12-20 SF	EA		1/1/2014	
0700 8400	FRONT ACCESS DYNAMIC MESSAGE SIGN, INSTALL	EA	P	1/1/2014	
0700 8500	FRONT ACCESS DYNAMIC MESSAGE SIGN, RELOCATE	EA		1/1/2014	
0700 8600	FRONT ACCESS DYNAMIC MESSAGE SIGN, REMOVE	EA		1/1/2014	

700- 9-ABC WALK-IN DYNAMIC MESSAGE SIGN

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Includes the DMS sign only; support structure paid separately.
Note that the DMS support structure is paid under 700-10-ABC.

Related Items

Required **Recommended**

Plan Summary Box

Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 700- 9-ABC WALK-IN DYNAMIC MESSAGE SIGN EA

- A= Operation
- 1 (Furnish & Install, with UPS)
- 2 (Furnish & Install, without UP
- 4 (Install) furnished by FDOT or local agency
- 5 (Relocate) BC=00
- 6 (Remove) BC=00
- 7 (Preventive Maintenance) BC=00
- 8 (Diagnostic and Misc. Repair) BC=00
- B=Display Type
- 1 (Monochrome)
- 2 (Tri-Color)
- 3 (Full Color)
- C= Size, square feet
- 7 (201-300 ft2)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 9117	WALK-IN DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS MONOCHROME, 201-300 SF	EA		1/1/2014	
0700 9137	WALK-IN DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS FULL COLOR, 201-300 SF	EA		1/1/2014	
0700 9400	WALK-IN DYNAMIC MESSAGE SIGN, INSTALL	EA		1/1/2014	
0700 9500	WALK-IN DYNAMIC MESSAGE SIGN, RELOCATE	EA		1/1/2014	
0700 9600	WALK-IN DYNAMIC MESSAGE SIGN, REMOVE	EA		1/1/2014	

700- 10-ABC DYNAMIC MESSAGE SIGN SUPPORT STRUCTURE

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details Intended to support the Walk-in DMS. Note that the DMS structure is designed to support the larger loads of a DMS.

Related Items **Required** **Recommended**

Plan Summary Box Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0300 Signing and Pavement Markings

Struct. **700- 10-ABC** **DYNAMIC MESSAGE SIGN SUPPORT STRUCTURE** **EA**

- A= Operation
- 1 (Furnish & Install)
- 4 (Relocate Sign) includes removal and foundation for new location BC=00
- 6 (Remove) BC=00
- B= Support Structure
- 1 (Span) mid-span or full span; NOT SPAN WIRE
- 2 (Cantilever)
- 3 (Pedestal)
- 4 (Multi-post) C=0
- C= Structure Cantilever or Span length
- 1 (Up to 20 ft) cantilever or bridge mount only
- 2 (21-30 ft)
- 3 (31-40 ft)
- 4 (41-50 ft)
- 5 (51-100 ft) span only
- 6 (101-150 ft) span only
- 7 (151-200 ft) span only
- 8 (201 ft and greater) span only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 10115	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, SPAN, 51-100 FT	EA		1/1/2014	
0700 10115	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, SPAN, 51-100 FT	EA		1/1/2014	
0700 10116	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, SPAN, 101-150 FT	EA		1/1/2014	
0700 10116	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, SPAN, 101-150 FT	EA		1/1/2014	
0700 10121	DMS SUPPORT STRUCTURE, CANTILEVER, UP TO 20 FT	EA		1/1/2014	
0700 10121	DMS SUPPORT STRUCTURE, CANTILEVER, UP TO 20 FT	EA		1/1/2014	
0700 10122	DMS SUPPORT STRUCTURE, CANTILEVER, 21-30 FT	EA		1/1/2014	
0700 10122	DMS SUPPORT STRUCTURE, CANTILEVER, 21-30 FT	EA		1/1/2014	
0700 10123	DMS SUPPORT STRUCTURE, CANTILEVER, 31-40 FT	EA		1/1/2014	
0700 10123	DMS SUPPORT STRUCTURE, CANTILEVER, 31-40 FT	EA		1/1/2014	
0700 10124	DMS SUPPORT STRUCTURE, CANTILEVER, 41-50 FT	EA		1/1/2014	
0700 10124	DMS SUPPORT STRUCTURE, CANTILEVER, 41-50 FT	EA		1/1/2014	
0700 10140	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, MULTI-POST	EA		1/1/2014	
0700 10140	DMS SUPPORT STRUCTURE, FURNISH & INSTALL, MULTI-POST	EA		1/1/2014	
0700 10600	DMS SUPPORT STRUCTURE, REMOVE	EA		1/1/2014	
0700 10600	DMS SUPPORT STRUCTURE, REMOVE	EA		1/1/2014	

700- 11-ABC ELECTRONIC DISPLAY SIGN

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Includes the static panel, electronic display, support structure, foundation, cabinet, and hardware. Includes a solar panel, when noted in the plans.

Per the specification, "EDS are specialized electronic signs that include dynamic display components.

The term EDS refers to a general category of electronically enhanced signs that includes Electronic Warning Signs (EWS), Electronic Regulatory Signs (ERS), Electronic Speed Feedback Signs (ESFS), and Blank-Out Signs (BOS)."

Blank out sign size is limited to less than 12 sf.

If sign beacons are needed, include pay item 700-12-AB.

Related Items

Required

Recommended

Plan Summary Box

Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 700- 11-ABC ELECTRONIC DISPLAY SIGN EA

- A= Operation
- 1 (Furnish & Install, Ground Mount- AC Powered) includes single or multi post support structure; B=1-6
- 2 (Furnish & Install, Ground Mount- Solar Powered) includes single or multi post support structure; B=1-6
- 3 (Furnish & Install, Overhead Mount) span wire, mast arm, or other structure
- 4 (Install) Dept. or local agency furnished Sign; details needed for support structure- whether existing, included with sign, or provided by contractor
- 5 (Relocate Sign) to a new location; BC=0
- 6 (Remove, Ground Mount) BC=00
- 7 (Remove, Overhead Mount) BC=00
- 8 (Preventative Maintenance) BC=00
- 9 (Diagnostic and Misc. Repair) BC=00

- B=Sign Type
 1 (Electronic Warning Sign)
 2 (Electronic Regulatory Sign)
 3 (Electronic Speed Feedback Sign)
 4 (Electronic Warning Sign with Flashing Beacon)
 5 (Electronic Regulatory Sign with Flashing Beacon)
 6 (Electronic Speed Feedback Sign with Flashing Beacon)
 9 (Blank-Out Sign) For F&I, A=3 only; C=1. Call to request other sizes.
- C= Size, square feet total area
 1 (Up to 12 ft2)
 2 (12-20 ft2)
 3 (21-30 ft2)
 4 (31-50 ft2)
 5 (51-100 ft2)
 6 (101-200 ft2)
 7 (201-300 ft2)
 8 (301-400 ft2)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 11111	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, ELECTRONIC WARNING SIGN, UP TO 12 SF	AS		1/1/2014	
0700 11112	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, ELECTRONIC WARNING SIGN, 12-20 SF	AS		1/1/2014	
0700 11113	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, ELECTRONIC WARNING SIGN, 21-30 SF	AS		1/1/2014	
0700 11121	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, ELECTRONIC REGULATORY SIGN, UP TO 12 SF	AS		1/1/2014	
0700 11122	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, ELECTRONIC REGULATORY SIGN, 12-20 SF	AS		1/1/2014	
0700 11123	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, ELECTRONIC REGULATORY SIGN, 21-30 SF	AS		1/1/2014	
0700 11131	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, SPEED FEEDBACK SIGN, UP TO 12 SF	AS		1/1/2014	
0700 11132	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, SPEED FEEDBACK SIGN, 12-20 SF	AS		1/1/2014	
0700 11141	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, ELECT WARNING W/FLASHING BEACON, UP TO 12 SF	AS		1/1/2014	

0700 11142	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, ELECT WARNING W/FLASHING BEACON, 12-20 SF	AS		1/1/2014
0700 11151	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, ELECT REGULATORY W/FLASHING BEACON, UP TO 12 SF	AS		1/1/2014
0700 11152	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, ELECT REGULATORY W/FLASHING BEACON, 12-20 SF	AS		1/1/2014
0700 11161	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, SPEED FEEDBACK W/FLASHING BEACON, UP TO 12 SF	AS		1/1/2014
0700 11162	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, SPEED FEEDBACK W/FLASHING BEACON, 12-20 SF	AS		1/1/2014
0700 11222	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- SOLAR POWERED, ELECTRONIC REGULATORY SIGN, 12-20 SF	AS		1/1/2014
0700 11231	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- SOLAR POWER, SPEED FEEDBACK, UP TO 12 SF	AS		1/1/2014
0700 11241	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- SOLAR POWER, ELECT WARNING W/FLASHING BEACON, UP TO 12 SF	AS		1/1/2014
0700 11251	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- SOLAR POWE, ELECT REGULATORY W/FLASHING BEACON, UP TO 12 SF	AS		1/1/2014
0700 11261	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- SOLAR POWE, SPEED FEEDBACK W/FLASHING BEACON, UP TO 12 SF	AS		1/1/2014
0700 11321	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL OVERHEAD MOUNT- AC POWERED, REGULATORY SIGN, UP TO 12 SF	AS		1/1/2014
0700 11391	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL OVERHEAD MOUNT- AC POWERED, BLANK OUT SIGN, UP TO 12 SF	AS		1/1/2014
0700 11431	ELECTRONIC DISPLAY SIGN, INSTALL- SPEED FEEDBACK SIGN, UP TO 12 SF	AS	P	1/1/2014
0700 11432	ELECTRONIC DISPLAY SIGN, INSTALL- SPEED FEEDBACK SIGN, 12-20 SF	AS	P	1/1/2014
0700 11433	ELECTRONIC DISPLAY SIGN, INSTALL GROUND MOUNT- SPEED FEEDBACK SIGN, 21-30 SF	AS	P	1/1/2014

0700 11441	ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, UP TO 12 SF	AS	P	1/1/2014
0700 11442	ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, 12-20 SF	AS	P	1/1/2014
0700 11443	ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, 21-30 SF	AS	P	1/1/2014
0700 11500	ELECTRONIC DISPLAY SIGN, RELOCATE	AS		1/1/2014
0700 11600	ELECTRONIC DISPLAY SIGN, REMOVE- GROUND MOUNT	AS		1/1/2014
0700 11700	ELECTRONIC DISPLAY SIGN, REMOVE- OVERHEAD MOUNT	AS		1/1/2014

700- 12- AB SIGN BEACON

Unit AS **Accuracy** Assembly **PlanQuantity?** no

Notes

Details

Includes ONLY THE BEACON(S), cabinet, controller, and solar panel, when noted. DOES NOT INCLUDE THE SIGN or support structure.

Use this pay item along with single post, multi post, or other signs.

RELOCATE/REMOVE: These items are to be used ONLY when relocating or removing the beacons, WITH NO CHANGE to the sign assembly. If you are relocating or removing the entire assembly, the beacon(s) are included with the assembly; use the sign assembly (700-1 or 700-2) pay items, as applicable.

Related Items

Required **Recommended**

Plan Summary Box

Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 700- 12- AB SIGN BEACON AS

- A= Operation
- 1 (Furnish & Install, Ground Mount- AC Powered)
- 2 (Furnish & Install, Ground Mount- Solar Powered)
- 3 (Furnish & Install, Overhead Mount) span wire, mast arm, or other
- 4 (Install) furnished by FDOT or local agency
- 5 (Relocate Beacon; sign to remain)B=0
- 6 (Remove Beacon; sign to remain) B=0
- B= Number of beacon(s) per sign
- 1 (One Beacon)
- 2 (Two Beacons)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0700 12 11	SIGN BEACON, F&I GROUND MOUNT- AC POWERED, ONE BEACON	AS		1/1/2014	
0700 12 12	SIGN BEACON, F&I GROUND MOUNT- AC POWERED, TWO BEACONS	AS		1/1/2014	
0700 12 21	SIGN BEACON, F&I GROUND MOUNT- SOLAR POWERED, ONE BEACON	AS		1/1/2014	
0700 12 22	SIGN BEACON, F&I GROUND MOUNT- SOLAR POWERED, TWO BEACONS	AS		1/1/2014	
0700 12 31	SIGN BEACON, F&I OVERHEAD MOUNT, ONE BEACON	AS		1/1/2014	
0700 12 32	SIGN BEACON, F&I OVERHEAD MOUNT, TWO BEACONS	AS		1/1/2014	
0700 12 50	SIGN BEACON, RELOCATE BEACON- SIGN TO REMAIN	AS		1/1/2014	
0700 12 60	SIGN BEACON, REMOVE BEACON- SIGN TO REMAIN	AS		1/1/2014	

700- 13- AB Reflective Strips

Refer to Estimates Bulletin 15-05 / Traffic Operations Bulletin 04-15.

Additional guidance in the Traffic Engineering Manual (TEM) is pending.

Approved for use on expressway ramp WRONG WAY signs, as well as Rail Road crossbuck sign posts and crossbuck blades.

For Crossbuck sign blades, use a quantity of 1 EA per crossbuck- includes strips on both blades.

For Crossbuck post, refer to the MUTCD; most locations will require 1 strip per post. Only limited locations require 2 strips per post.

APPROVALS REQUIRED:

Projects let through December 2015 must be approved by the State Traffic Ops Office.

Projects after January 2016 should meet the guidance posted in the TEM (pending). All applications must be approved by District Traffic Operations Engineer, only for locations which require additional conspicuity markings.

700-Maint **SIGN- MAINTENANCE**
Maintenance Contracts Only

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** ?

Notes **Maintenance Item: Not Valid for Construction Contracts**

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

For Replacement of Signs, use "Remove" and "New" items above, due to new sheeting requirements.

Related Items **Required** **Recommended**

Plan Summary Box Maintenance Item- No Form Required
NA

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **700-Maint** **SIGN- MAINTENANCE** **Mixed**
Maintenance Contracts Only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
E700 46 31	REPAIR EXISTING SIGN (SINGLE POST)	AS		1/1/2013	
E700 46 32	REPAIR EXISTING SIGN (MULTI POST)	AS		1/1/2013	
E700 46 33	REPAIR EXISTING SIGN (OVHD TRUSS)	AS		1/1/2013	
E700 46 34	REPAIR EXISTING SIGN (OVHD CANTILEVER)	AS		1/1/2013	
E700 46210	SIGN RELOCATE EXIST(SINGLE POST)	SF		1/1/2013	6/30/2015
E700 46310	SIGN REPAIR EXIST (SINGLE POST)	SF		1/1/2013	
E700 46320	SIGN REPAIR EXIST (MULTI POST)	SF		1/1/2013	
E700 481E1	SIGN PANELS (F&I)(SINGLE POST)	SF		1/1/2013	6/30/2015

E700 481E2	SIGN PANELS (F&I) (MULTI POST)	SF	1/1/2013	6/30/2015
E700 481E3	SIGN PANELS (F&I) (OVERHEAD)	SF	1/1/2013	6/30/2015
E700 482E1	SIGN PANELS (INSTALL) (SINGLE POST)	SF	1/1/2013	6/30/2015
E700 482E2	SIGN PANELS (INSTALL) (MULTI POST)	SF	1/1/2013	6/30/2015
E700 482E3	SIGN PANELS (INSTALL) (OVERHEAD)	SF	1/1/2013	6/30/2015
E700 483E1	SIGN PANELS(OVERLAY) (SINGLE POST)	SF	1/1/2013	
E700 483E2	SIGN PANELS(OVERLAY) (MULTI POST)	SF	1/1/2013	
E700 483E3	SIGN PANELS(OVERLAY) (OVERHEAD)	SF	1/1/2013	
E700 48400	SIGN PANELS(OVERLAY) (MEASURE EXISTING)	EA	1/1/2013	
E700 485E1	SIGN PANELS(REPLACE) (SINGLE POST)	SF	1/1/2013	6/30/2015
E700 485E2	SIGN PANELS(REPLACE) (MULTI POST)	SF	1/1/2013	6/30/2015
E700 485E3	SIGN PANELS(REPLACE) (OVERHEAD)	SF	1/1/2013	6/30/2015
E700 485E4	SIGN PANELS(REPLACE) (SPAN WIRE)	SF	1/1/2013	6/30/2015
E700 485E5	SIGN PANELS(REPLACE) (BRIDGE MOUNT)	SF	1/1/2013	6/30/2015
E700 48602	SIGN PANELS(REMOVE) (MULTI POST)	EA	1/1/2013	6/30/2015
E700 48603	SIGN PANELS(REMOVE) (OVERHEAD)	EA	1/1/2013	6/30/2015
E700 486E1	SIGN PANELS (REMOVE) (SINGLE POST)	SF	1/1/2013	6/30/2015
E700 486E2	SIGN PANELS (REMOVE) (MULTI POST)	SF	1/1/2013	6/30/2015
E700 486E3	SIGN PANELS (REMOVE) (OVER HEAD)	SF	1/1/2013	6/30/2015
E700 487E0	SIGN PANELS (WASH)	SF	1/1/2013	
E700 487E1	SIGN PANELS (WASH) (SINGLE POST)	SF	1/1/2013	
E700 487E2	SIGN PANELS (WASH) (MULTI POST)	SF	1/1/2013	
E700 94 1	BREAKAWAY SIGN SUPPORT FOUNDATION (F&I)	EA	1/1/2013	
E700 94 2	BREAKAWAY SIGN SUPPORT FOUNDATION (REMOVE)	EA	1/1/2013	
E700 96 1	SIGN SUPPORT REPAIRS (ALUMINUM)	LB	1/1/2013	
E700 96 2	SIGN SUPPORT REPAIRS (STEEL)	LB	1/1/2013	
E700 98	SIGN INSPECTION (SINGLE/MULTI POST GROUND MOUNT)	EA	1/1/2013	
E700 99	SIGN MAINTENANCE (PERFORMANCE)	LS	1/1/2013	

**701- 1A-BCD PROFILED THERMOPLASTIC
previously known as "Audible and Vibratory Pavement Markings"**

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** no

Notes **Effective July 2015, refer to Roadway Design Bulletin 15-02/Estimates Bulletin 15-01 for Pavement Markings; replaces 701-1A-BCD old**

Details PROFILED THERMOPLASTIC PAVEMENT MARKINGS, previously known as "701 Audible and Vibratory Pavement Markings" and "Raised Thermoplastic"

Refer to the PPM for current guidance on the use of Profile Thermoplastic Markings.

Use with concrete surfaces only. Profiled thermoplastic markings are not used on bridges with concrete riding surfaces due to vibration/durability.

Use 701 items for edge lines and center lines on flush shoulder, rural, non-limited access facilities, where posted speed is 50 mph or greater.

This marking material is used as a countermeasure for lane departure and center line crossover crashes.

No contrast markings are used with Audible and Vibratory markings.

MEASUREMENT AND PAYMENT:
Refer to specification for complete method of measurement.

TRNS*PORT quantities:
For Category 0200- MOT, continue to use 710 and 102-78 items.
For Category 0300- Signing and Pavement Markings , include either item 710-90, or pay item(s) for final marking materials, as called for in the plans.

Related Items	Required	Recommended
Plan Summary Box	Signing and Pavement Markings: Tabulation of Quantities Summarize items by pay item and location.	

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References	PPM Chapter Trns-port Other Standards Specifications
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TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

0701 16221	AUD & VIB PVT MARK/PROFILED THERMOPLASTIC,STANDARD- OTHER SURFACES, YELLOW, SKIP, 6"	GM	7/1/2013	6/30/2015
0701 17101	PROFILED THERMOPLASTIC,STANDARD- CONCRETE SURFACES, WHITE, SOLID,6"	GM	7/1/2015	
0701 17201	PROFILED THERMOPLASTIC,STANDARD- CONCRETE SURFACES, YELLOW, SOLID,6"	GM	7/1/2015	
0701 17221	PROFILED THERMOPLASTIC,STANDARD- CONCRETE SURFACES, YELLOW, SKIP,6"	GM	7/1/2015	

701- 1A-BCD old AUDIBLE AND VIBRATORY PAVEMENT MARKINGS, aka "Profile Thermoplastic" and "Raised Thermoplastic"

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** no

Notes **Pending guideline and PPM changes for July 2015.**

701 is also known as "Profile Thermoplastic" and "Raised Thermoplastic"

Details For use on "all rural construction projects, excluding limited access facilities". Refer to PPM Vol 1, 7.2.6.

CENTER LINE: Audible and Vibratory pavement markings should be used on center line of two lane rural roadways ONLY when there is a history of center line cross over crashes.

Other applications: Audible and Vibratory markings shall also be considered on flush shoulder roadways within Urban 2 and Urban 3 boundaries; noise is the primary consideration in these areas.

Width = 8": Due to the application of this pavement marking, the standard width is 6". Contact the State Roadway Design Office prior to using the 8" width.

Longitudinal stripes (along the direction of traffic) are normally applied by truck; these stripes are paid per NET MILE(solid) or GROSS MILE (skip). Most of these stripes are 6" in width. 3-9 and 10-30 skip stripes are included in the gross mile measurement. Measurement will be taken as the distance from the beginning of the first painted stripe to the end of the last painted stripe, and shall include the unpainted intervals, subject to 9-1.3. It will not include any lengths of unpainted intervals which are greater than 30 ft, per the specifications.

Refer to the specification for complete Method of Measurement information.
Accuracy: GM and NM items are measured to 1/1000 of a mile.

TRNS*PORT quantities:
For Category 0200- MOT, continue to use 710 and 102-78 items.
For Category 0300- Signing and Pavement Markings , include either item 710-90, or pay item(s) for final marking materials, as called for in the plans.

Related Items	Required	Recommended
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Plan Summary Box	Signing and Pavement Markings: Tabulation of Quantities Summarize items by pay item and location.	
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NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation	tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet Locate in plans. Summarize quantities by location on summary sheet in the plans.	
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Construction Forms and Documentation	No additional form required; use plans summary or comp book Contractor's Certification of Quantities must be submitted. Record final quantity on the tabulation sheet (plans) or computation form (comp book).	
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References	PPM Chapter Trns-port Other
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Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

.....
*TRNS*PORT Category (DRAFT FIELD):* 0300 Signing and Pavement Markings

Struct. 701- 1A-BCD old AUDIBLE AND VIBRATORY PAVEMENT MARKINGS, Mixed
aka "Profile Thermoplastic" and "Raised
Thermoplastic"

A= Class

1 (Standard) valid through 12-31-13*

5 (Standard- Open graded asphalt surfaces) for 6" and 8" longitudinal stripes; C=1 or 2

6 (Standard- Other surfaces) for 6" and 8" longitudinal stripes on dense graded asphalt or concrete surfaces; C=1 or 2

B= Color

1 (White)

2 (Yellow)

C= Type of Marking

1 (Solid) NM

2 (Skip) GM

D= Width

1 (6")

2 (8") approval required*

Notes

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The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

704-Maint	CERAMIC PAVEMENT MARKER Maintenance Contracts Only
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Unit	Mixed	Accuracy	Refer to item structure and details	PlanQuantity?	?
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Notes **Maintenance Item: Not Valid for Construction Contracts**

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

Related Items	Required	Recommended
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Plan Summary Box	Maintenance Item- No Form Required NA
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NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References	PPM Chapter Trns-port Other Standards Specifications
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*TRNS*PORT Category (DRAFT FIELD):*

Struct.	704-Maint	CERAMIC PAVEMENT MARKER Maintenance Contracts Only	Mixed
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Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

705- 10- A OBJECT MARKER

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Object Markers are to be used to mark obstructions within or adjacent to the roadway, as indicated in the Design Standards or on the plans. Additional details are available in the MUTCD, 2C.63 in 2009 edition; see figure on page 135.

REMOVAL: No separate payment will be made for removal of object markers. Removal may be incidental to replacement of object markers, or included with Clearing and Grubbing.

Refer to Delineators for marking the roadway alignment

Guardrail and Concrete Barrier Wall: Barrier Delineators, as shown on Index 400, 410, 414, 415, 420, 421, 422, 423, 424, 425, 470, and 480, are included in the cost of the barrier; no separate payment is made for these markers. For repair/rehab work, include payment for replacement markers in related work.

Object Markers with Single Post Signs: When an object marker is mounted with a single post sign, The sign and support are paid separately under the appropriate 700-1-xx pay item. Payment for the object marker is under 705-10-a.

Related Items

Required **Recommended** 705-11

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation

Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Record final quantity on the computation book form.

References

PPM Chapter Vol 1, 7.2.9

Trns-port

Other

Standards Index No. 17349 (Object Markers), 17345 and 17346 (Delineators), 17349 (Object Markers) 17359 (Object Markers and Delineators)

Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0300

Signing and Pavement Markings

Struct. 705- 10- A OBJECT MARKER EA

- A= Type*
- 1 (Type 1) 18"+ diamond
- 2 (Type 2) at least 6" x 12"
- 3 (Type 3) 12" x 36" black/yellow

4 (Type 4) End of Highway, 18"+ diamond

Notes

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The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0705 10 1	OBJECT MARKER, TYPE 1	EA		1/1/2013	
0705 10 2	OBJECT MARKER, TYPE 2	EA		1/1/2013	
0705 10 3	OBJECT MARKER, TYPE 3	EA		1/1/2013	
0705 10 4	OBJECT MARKER, TYPE 4	EA		1/1/2013	

705- 11- A		DELINEATOR	
	Unit	EA	Accuracy Each
			PlanQuantity? no
Notes			
Details	<p>Delineators are to be used along the side of the roadway to indicate the alignment of the roadway, as indicated in the Design Standards or on the plans. Additional details are available in the Plans Preparation Manual (PPM) Vol 1, Chapter 7, and the MUTCD, Chapter 3D.</p> <p>The Department uses delineators to mark median opening for both rural and urban openings. In general, flexible delineators are used on urban median openings and nonflexible are used on rural median openings. A high visibility median delineator should be used on traffic separators in the following locations:</p> <ol style="list-style-type: none"> 1. At multilane intersections where additional visibility is required for the marking of the traffic separator, 2. Where the separator is obstructed due to crest vertical curves, 3. At intersections where the alignment thru the intersection is not straight, and 4. Where traditional flexible delineators are constantly being replaced. <p>High visibility median delineators can be specified for urban median separators.</p> <p>High performance delineators should be used in all applications where the delineator is being used to maintain lane positions, restrict vehicle movements or any other area where the delineator is subject to being frequently hit.</p> <p>High Performance- Managed Lanes type delineator requires a Developmental Specification. *****</p> <p>Refer to Object Markers to mark obstructions. *****</p> <p>Reflective Railing Markers, as shown on Index 420, 421, and 422, are included in the cost of the railing; no separate payment is made for these markers.</p>		
Related Items	Required	Recommended	705-10
Plan Summary Box	<p>Signing and Pavement Markings: Tabulation of Quantities</p> <p>Summarize items by pay item and location.</p>		
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>			
Design Forms and Documentation	<p>COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation</p> <p>Locate in the plans. Summarize quantities by location in the computation book.</p>		
Construction Forms and Documentation	<p>No additional form required; use plans summary or comp book</p> <p>Record final quantity on the computation book form.</p>		
References	PPM Chapter	Vol 1, 7.2.9	
	Trns-port		
	Other		
	Standards	Index No. 17349 (Object Markers), 17345 and 17346 (Delineators), 17349 (Object Markers) 17359 (Object Markers and Delineators)	
	Specifications		

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

.....
TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 705- 11- A DELINEATOR EA

A= Type, see above for selection guidance

1 (Flexible Tubular)

2 (non-Flexible)

3 (Flexible High Visibility Median)

4 (Flexible High Performance 48")

5 (Flexible High Performance 36" Managed Lanes) Developmental Spec

Notes

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The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0705 11 1	DELINEATOR, FLEXIBLE TUBULAR	EA		1/1/2013	
0705 11 2	DELINEATOR, NON-FLEXIBLE	EA		1/1/2013	
0705 11 3	DELINEATOR, FLEXIBLE HIGH VISABILITY MEDIAN	EA		1/1/2013	
0705 11 4	DELINEATOR, FLEXIBLE HIGH PERFORMANCE 48"	EA		1/1/2013	
0705 11 5	DELINEATOR, FLEXIBLE HIGH PERFORMANCE 36" MANAGED LANES	EA	D	7/1/2014	

706- 3- RETRO-REFLECTIVE PAVEMENT MARKER

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes **Effective January 2015- when Rumble Stripe is used, an additional layer of RPMs may be required to replace RPMs removed/damaged during grinding. Refer to Estimates Bulletin 15-02/Roadway Design Bulletin 15-03.**

Details Refer to 710- 90 for final surface payment.
Use Type B, unless otherwise shown in the plans. Use Pavement markers to supplement lane lines and gore markings, as shown on design standards.

BLUE RPMs: Refer to the Traffic Engineering Manual, Section 4.3. Note that blue RPMs are installed and maintained by local agencies.

RUMBLE STRIPE: When used with center line or edge line rumble stripe, an additional layer of RPMs may be required to replace RPMs removed/damaged during grinding. Refer to the Design Standard Index or IDS for additional guidance.

Related Items **Required** **Recommended**

Plan Summary Box Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the computation book form.

References **PPM Chapter**
Trns-port
Other
Standards Index No. 17345, 17352, 519 or D519 (Rumble Strip / Rumble Stripe)
Specifications

<http://www.dot.state.fl.us/specificationoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. **706- 3- RETRO-REFLECTIVE PAVEMENT MARKER EA**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA		1/1/2013	

**706-Maint REFLECTIVE PAVEMENT MARKER
Maintenance Contracts Only**

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** ?

Notes **Maintenance Item: Not Valid for Construction Contracts**

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

Related Items **Required** **Recommended**

Plan Summary Box Maintenance Item- No Form Required
NA

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD):

Struct. **706-Maint** **REFLECTIVE PAVEMENT MARKER** **Mixed**
Maintenance Contracts Only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
E706 1 32	REFLECTIVE PAVEMENT MARKER (REMOVE)(CLASS B)	EA		1/1/2013	
E706 1 42	REFLECTIVE PAVEMENT MARKER(REM AND REPL)(CLASS B)	EA		1/1/2013	

**708-Maint REFLECTIVE BARRIER MARKER
Maintenance Contracts Only**

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** ?

Notes **Valid through 6-30-14.**

Details MAINTENANCE CONTRACTS ONLY
Used by Maintenance to replace reflective barrier markers.

July 2014 and later: If needed for replacement operations, request item to be added to 706, where specifications are located. All new barrier markers are included in the cost of the barrier construction.

Related Items **Required** **Recommended**

Plan Summary Box Maintenance Item- No Form Required
NA

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **708-Maint** **REFLECTIVE BARRIER MARKER** **Mixed**
Maintenance Contracts Only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

709- 1A-BCD TWO REACTIVE COMPONENTS PAVEMENT MARKINGS

Unit EA, LF, GM, NM; GK, NK **Accuracy** Each; Linear Foot; 1/1000 mile **PlanQuantity?** no

Notes **Effective July 2015, refer to Roadway Design Bulletin 15-02/Estimates Bulletin 15-01 for Pavement Markings.**

Details APPROVALS REQUIRED

Per the PPM, consists of Two Reactive Component Pavement Markings used as an alternative to standard thermoplastic pavement markings for edge lines and skip lines on asphalt surfaces and edge lines only on concrete surfaces. The use must be approved by both the District Maintenance Engineer and the District Construction Engineer on a project specific basis.

MEASUREMENT AND PAYMENT:

The LF quantity shall be used for 6-10 dotted extension lines.

Longitudinal lines (along the direction of traffic) are normally applied by truck and are paid per NET MILE (solid) or GROSS MILE (skip). NET MILE includes painted intervals only. GROSS MILE includes painted and unpainted intervals.

The NET MILE measurement will be taken as the distance from the beginning of the solid line to the end of the solid line.

The GROSS MILE measurement will be taken as the distance from the beginning of the first painted skip/dotted line to the end of the last painted skip/dotted line, and shall include the unpainted intervals, subject to 9-1.3. It will not include any lengths of unpainted intervals which are greater than 30 ft, per the specifications. Only 10-30 skip lines and 3-9 dotted lines are paid per the gross mile measurement and includes the unpainted intervals.

APPROACH TO TOLL PLAZA: 12" wide channelizing lines used for the approach to toll plazas are paid per NET MILE.

REMOVAL ITEM (A=7): The cost for removing any conflicting pavement markings is to be included in the cost of MOT Lump Sum, per Specification 710-4 and 102-5.8.

Pay item 710-17 is only to be used for Maintenance projects to remove non-conflicting pavement markings (i.e. removal of paint prior to applying a two-component reactive material). Use Maintenance item E710-17.

Refer to the Specification for the complete Method of Measurement.

ACCURACY: LF items are measured to the nearest Foot; NM and GM items are measured to 1/1000th of a mile (about +/-5 ft); and SF items are measured to the nearest square foot.

SUMMARY BOXES and TRNS*PORT quantities :

For Category 0200- MOT, continue to use 710 and 102-78 items. Show quantities on the Summary of Traffic Control Plan Items.

For Category 0300- Signing and Pavement Markings , include item 710-90, and/or pay item(s) for final marking materials, as called for in the plans.

Related Items **Required** **Recommended**

Plan Summary Box Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation See Details Above
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Contractor's Certification of Quantities must be submitted. Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter** Vol 1, 7.2.8 for material selection guidance
Trns-port
Other
Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 709- 1A-BCD TWO REACTIVE COMPONENTS PAVEMENT EA, LF, GM, MARKINGS

- A= Class
 - 1 (Standard)
 - 7 (Remove non-conflicting markings) SF, BCD= Blank. NOT FOR MOT marking removal; see details above.
- B=Color
 - 1 (White)
 - 2 (Yellow)
 - 3 (Black) valid through 6-30-15
- C= Type of Marking
 - 0 (Solid) GM effective 7-1-15
 - 1 (Solid) NM; D=1 or 2 valid through 6-30-15
 - 2 (Solid) LF valid through 6-30-15
 - 3 (Skip/Dotted) GM;
 - D= 1 for 6" wide 10-30 skip or 3-9 dotted
 - D=3 for 12" wide 3-9 dotted lane drop
 - 4 (2'-4' Dotted Guide Line/6'-10' Dotted Extension Line) GM, D=1 effective 7-1-15
 - 5 (6-10 Gap Extension) LF, D=1 valid through 6-30-15
- D= Width
 - 1 (6")
 - 2 (8") valid for solid line
 - 3 (12") valid for 3-9 dotted
 - 4 (18") valid through 6-30-15
 - 5 (24") valid through 6-30-15

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0709 11101	TRAFFIC STRIPE-TWO REACTIVE COMPONENTS, STANDARD, WHITE, SOLID, 6"	GM		7/1/2015	
0709 11111	TRAFFIC STRIPE-TWO REACTIVE COMPONENTS, STANDARD, WHITE, SOLID, 6"	NM		1/1/2013	6/30/2015
0709 11112	TRAFFIC STRIPE-TWO REACTIVE COMPONENTS, STANDARD, WHITE, SOLID, 8"	NM		1/1/2013	6/30/2015
0709 11131	TRAFFIC STRIPE-TWO REACTIVE COMPONENTS, STANDARD, WHITE, SKIP, 6"	GM		1/1/2013	
0709 11201	TRAFFIC STRIPE-TWO REACTIVE COMPONENTS, STANDARD, YELLOW, SOLID, 6"	GM		7/1/2015	
0709 11211	TRAFFIC STRIPE-TWO REACTIVE COMPONENTS, STANDARD, YELLOW, SOLID, 6"	NM		1/1/2013	6/30/2015

710- 1A-BCD PAINTED PAVEMENT MARKINGS

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** no

Notes **Effective July 2015, refer to Roadway Design Bulletin 15-02 and Estimates Bulletin 15-01 for Pavement Markings.**

Details

Refer to the Master Pay Item List for current 710- pay items. The BOE structure will be updated soon.

markings.
 additional guidance.
 the service life of
 Maintenance Engineer to
 gs will consider service
 existing markings, and
 ated with the State
 ns.
 r, normally used for
 dotted guide lines and 6-
 for parking spaces and
 lied by truck and are paid
 painted intervals.
 om the beginning of the
 tted line, and shall
 e any lengths of
 ations. Only 10-30 skip
 ent and includes the
 alking with a hand
 es are 8"-24" wide.
 f the first painted line to
 ainted intervals.

2-4 Dotted Guide Lines, and 6-10 Dotted Extension Lines are paid per LF.

GORE AREAS/CHANNELIZING LINES: 12" channelizing lines will be used at interstate gore areas. 8" channelizing lines will be used at urban islands.

CHEVRONS/DIAGONALS:

APPROACH TO TOLL PLAZA: 12" wide channelizing lines used for the approach to toll plazas.

CONTRASTING ALTERNATING SKIP:

For concrete use 10' of white permanent tape + 10' of permanent black tape. See 713 items.

For light asphalt use 10' of white standard thermoplastic + 10' of black paint. See 711 items for thermoplastic.

Each color line will be paid per GROSS MILE.

YIELD LINE: Per the MUTCD, a yield line is a series of solid white isosceles triangles, used at intersection approaches controlled by a yield sign. It is measured per LF, with a length approximately equal to the lane width(s).

PAVEMENT MESSAGES and SYMBOLS: Each word is paid as one message. For example, "SUN PASS ONLY" will be paid as 3 messages. Other example messages/symbols include "YIELD", "MERGE", "LEFT", "TURN", "helmeted bicyclist", "shared lane marking" and wheelchair/"Universal Symbol of Accessibility". When an arrow is used with the "bike lane symbol", the arrow is paid separately. For the "shared lane marking" message, the complete message- bicycle and chevron is a quantity of 1, as shown on the index. Additional messages are shown on Index 17346 and 17347. BLUE lines are used for accessible parking and are paid per LF.

CURB MARKING/CURB FACE MESSAGE: The complete message, such as "NO PARKING" is paid as one message. Plan details or Tech Specs are needed to show the dimensions and define materials/colors. Tabulate the number of curb face messages in the plans.

ARROWS: Each arrow is paid as a complete marking, regardless of the number of "points" or directions. Single, bi-directional and tri-directional arrows may be subtotaled in the plans, but the pay quantity will be for each complete marking. When used in a two-way left turn lane, the double arrows are counted as two each, since they are two separate locations, approximately 12' apart.

GREEN BIKE LANES: Refer to PPM and 523- pay items for Green Bike Lanes.

REMOVAL ITEM (A=7): The cost for removing any conflicting pavement markings is to be included in the cost of MOT Lump Sum, per Specification 710-4 and 102-5.8. Pay item 710-17 is only to be used for Maintenance projects to remove non-conflicting pavement markings (i.e. removal of paint prior to applying a two-component reactive material). Use Maintenance item E710-17.

Refer to the Specification for the complete Method of Measurement.

ACCURACY: LF items are measured to the nearest Foot; GM items are measured to 1/1000th of a mile (about +/-5 ft); and SF items are measured to the nearest square foot.

SUMMARY BOXES and TRNS*PORT quantities :
 For Category 0200- MOT, continue to use 710 and 102-78 items. Show quantities on the Summary of Traffic Control Plan Items.
 For Category 0300- Signing and Pavement Markings , include item 710-90, and/or pay item(s) for final marking materials, as called for in the plans.

Related Items	Required	Recommended
Plan Summary Box	Multiple: Multiple forms may be applicable. See details above. Refer to BOE details for project application.	

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM		7/1/2015	
0710 11102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM		7/1/2015	
0710 11111	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	NM		1/1/2013	6/30/2015
0710 11112	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 8"	NM		1/1/2013	6/30/2015
0710 11122	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 8"	LF		1/1/2013	6/30/2015
0710 11123	PAINTED PAVEMENT MARKINGS,	LF		1/1/2013	
<div style="border: 2px solid red; padding: 5px;"> <p style="color: red; font-weight: bold; margin: 0;">Refer to the Master Pay Item List for current 710- pay items. The BOE structure will be updated soon.</p> </div>				1/1/2013	
				1/1/2013	
				1/1/2013	
				1/1/2013	
				7/1/2015	
0710 11151	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	LF		1/1/2013	6/30/2015
0710 11153	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOTTED / GUIDELINE/ 6-10 GAP EXTENSION, 12" WIDE	LF		1/1/2013	6/30/2015
0710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA		1/1/2013	
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA		1/1/2013	
0710 11180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF		1/1/2013	
0710 11190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF		1/1/2013	
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM		7/1/2015	
0710 11202	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM		7/1/2015	
0710 11203	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 12"	GM		7/1/2015	

0710 11211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	NM	1/1/2013	6/30/2015
0710 11212	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 8"	NM	1/1/2013	6/30/2015
0710 11222	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 8"	LF	1/1/2013	6/30/2015
0710 11223	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR CROSSWALK OR ROUNDABOUT, 12"	LF	1/1/2013	
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	1/1/2013	
0710 11225	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	1/1/2013	
0710 11231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	1/1/2013	
0710 11241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	7/1/2015	
0710 11251	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOTTED/ GUIDELINE/6-10 GAP EXTENSION, 6"	LF	1/1/2013	6/30/2015
0710 11260	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, MESSAGE OR SYMBOL	EA	1/1/2013	6/30/2015
0710 11290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	1/1/2013	
0710 11311	PAINTED PAVEMENT MARKINGS, STANDARD,BLACK, SOLID, 6"	NM	1/1/2013	6/30/2015
0710 11331	PAINTED PAVEMENT MARKINGS, STANDARD,BLACK, SKIP, 6"	GM	1/1/2013	
0710 11333	PAINTED PAVEMENT MARKING, STANDARD, BLACK, 3'-9' DOTTED LANE DROP AND APPROACH TO TOLL PLAZA, 12"	GM	1/1/2013	
0710 11341	PAINTED PAVEMENT MARKINGS, STANDARD, BLACK, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	7/1/2015	
0710 11342	PAINTED PAVEMENT MARKINGS, STANDARD,BLACK, SKIP, 8"	LF	1/1/2013	6/30/2015
0710 11351	PAINTED PAVEMENT MARKINGS, STANDARD, BLACK, DOTTED / GUIDELINE/ 6-10 GAP EXTENSION, 6"	LF	1/1/2013	6/30/2015
0710 11421	PAINTED PAVEMENT MARKINGS, STANDARD, BLUE, SOLID FOR PARKING LOT- ACCESSIBLE MARKINGS, 6"	LF	1/1/2013	
0710 11460	PAINTED PAVEMENT MARKINGS, STANDARD,BLUE, MESSAGE	EA	1/1/2013	6/30/2015

710- 1A-BCD old PAINTED PAVEMENT MARKINGS

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** no

Notes **OLD pay item structure and details; valid through June 2015. See above for new pay item structure.**

Details Consists of paint used in areas representing final and work zone pavement markings. Broken (skip) stripes shall consist of a succession of solid stripes.

Durable Paint is valid for use on Maintenance Contracts Only. Refer to the special provisions for current requirements.

Measurement and Payment for Pavement Markings:

Longitudinal stripes (along the direction of traffic) are normally applied by truck; these stripes are paid per NET MILE(solid) or GROSS MILE (skip). Most of these stripes are 6" in width. 3-9 and 10-30 skip stripes are included in the gross mile measurement.

Measurement will be taken as the distance from the beginning of the first painted stripe to the end of the last painted stripe, and shall include the unpainted intervals, subject to 9-1.3. It will not include any lengths of unpainted intervals which are greater than 30 ft, per the specifications.

Transverse stripes (across the direction of traffic) are applied by walking with a hand operated machine; these stripes are paid per linear foot. Most of these stripes are 8"-24" wide. Measurement will be taken as the distance from the beginning of the first painted stripe to the end of the last painted stripe, and it shall NOT include the unpainted intervals.

Dotted, 2-4 Guideline, and 6-10 Gap Extension Through Cross-over Area stripes are also paid per LF, due to the walking/hand application required. Most of these stripes are 6" wide.

CHEVRONS/GORE AREAS: Per Design Bulletin 12-18, 12" stripe will be used at interstate gore areas; 8" stripe will be used at urban islands. Refer to the bulletin and design standards for complete details. For payment purposes, these stripes should use the Linear Foot pay items, as they are normally applied by hand at these locations.

APPROACH TO TOLL PLAZA: 12" wide Longitudinal lines used for the approach to toll plaza are paid per mile.

Non-standard stripe applications should be coordinated with the State Roadway Design Office, prior to including notes/items in the plans.

CONTRASTING ALTERNATING SKIP: Use one application of white skip thermoplastic and one application of black skip paint. Payment will be made for the length of white + length of black stripe applied.

REMOVAL ITEM (A=7): The cost for removing any conflicting pavement markings is to be included in the cost of MOT Lump Sum, per Specification 710-4 and 102-5.8. Pay item 710-17 is only to be used for Maintenance projects to remove non-conflicting pavement markings (i.e. removal of paint prior to applying a two-component reactive material; or 711-17- for removal of thermoplastic prior to applying more thermo, because the maximum thickness will be exceeded if existing thermo is not removed). Use Maintenance item E710-17.

YIELD LINE: Per the MUTCD, a yield line is a series of solid white isosceles triangles, used at intersection approaches controlled by a yield sign. It is measured per linear foot, with a length approximately equal to the lane width(s).

PAVEMENT MESSAGES: Each word is paid as one message. For example, "SUN PASS ONLY" will be paid as 3 messages. Other example messages include "YIELD", "MERGE", "LEFT", "TURN", "bicycle person", "bicycle with chevron" and wheelchair/"Universal Symbol of Accessibility". Additional messages shown on index 17346 and 17347. BLUE markings (accessible parking) will be paid per LF or EA. Note: When an arrow is used with "bicycle person", the arrow is paid separately. For the "bicycle with chevron" message, the complete message is a quantity of 1, as shown on the index.

CURB FACE MESSAGE: The complete message, such as "NO PARKING" is paid as one message. Plan details or Tech Specs are needed to show the dimensions and define materials/colors. Tabulate the number of curb face messages in the plans.

ARROWS (Refer to Estimates Bulletin 11-03): Each arrow is paid as a complete marking, regardless of the number of "points" or directions. Single, bi-directional and tri-directional arrows may be subtotaled in the plans, but the pay quantity will be for each complete marking. When used in a two-way left turn lane, the double arrows are counted as two each, since they are two separate locations, approximately 12' apart.

GREEN BIKE LANES: Refer to PPM and 523- pay items for Green Bike Lanes.

Refer to the Specification for the complete Method of Measurement.

ACCURACY: LF items are measured to the nearest Foot; NM and GM items are measured to 1/1000th of a mile (about +/-5 ft); and SF items are measured to the nearest square foot.

SUMMARY BOXES and TRNS*PORT quantities :
 For Category 0200- MOT, continue to use 710 and 102-78 items. Show quantities on the Summary of Traffic Control Plan Items.
 For Category 0300- Signing and Pavement Markings , include either item 710-90, or pay item(s) for final marking materials, as called for in the plans. Show quantities with applicable note on Tabulation sheet for Signing & Pavement Markings.

Related Items	Required	Recommended
Plan Summary Box	Summary of Temporary Traffic Control Plan Items Expand as needed for additional MOT phases.	
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>		
Design Forms and Documentation	tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet Locate in plans. Summarize quantities by location on summary sheet in the plans.	
Construction Forms and Documentation	700-050-67/68: MOT Painted Pavement Markings- Daily Worksheet/Monthly Certification of Quantities Contractor's Certification of Quantities must be submitted. Record final quantity on the tabulation sheet (plans) or computation form (comp book).	
References	PPM Chapter Trns-port Other Standards	

Specifications

<http://www.dot.state.fl.us/specificationoffice/Implemented/SpecBooks>

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TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 710- 1A-BCD old PAINTED PAVEMENT MARKINGS Mixed

- A= Class
- 1 (Standard)
- 2 (Durable) for Maintenance Contracts Only
- 7 (Remove) SF, BCD=blank. Maintenance use only. NOT FOR MOT marking removal; see details above.
- B= Color
- 1 (White)
- 2 (Yellow) C=1, 2, 3, 4, 5, 9
- 3 (Black)
- 4 (Blue) C=2, 6
- C=6 valid through 6-30-15
- C= Type of Marking
- 1 (Solid) NM; D = 1 valid through 6-30-15
- 2 (Solid) LF; D = 2, 3, 4, 5
- 3 (Skip) GM; D= 1 for 6" wide 10-30 or 3-9 skip, or D=3 for 12" wide 3-9 lane drop
- 5 (2'-4' Guide line/ 6'-10' Gap Extension) LF; D=1 or 3 valid through 6-30-15
- 6 (Message) EA; D=0, Includes YIELD message and painted curb face
- 7 (Arrows) EA complete marking; D=0
- 8 (Yield Line) LF; D=0 see details above
- 9 (Island Nose) SF; D=0
- D= Width
- 1 (6") longitudinal lines- NM valid through 6-30-15
- 1 (6") longitudinal lines- GM
- 2 (8") LF valid through 6-30-15
- 2 (8") NM valid through 6-30-15
- 2 (8") solid interchange markings- NM
- 3 (12") cross walk- LF, and interchange markings- NM or GM
- 4 (18") chevrons, when permitted
- 5 (24") stop line or crosswalk

Notes

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The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

710- 90- PAINTED PAVEMENT MARKINGS- FINAL SURFACE

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** yes

Notes

Details

Includes payment for painted final surface pavement markings (1 or 2 applications of 710 paint), including RPMs (1 application). The number of applications will be indicated in the specifications, depending upon whether permanent pavement markings (Thermoplastic, Permanent Tape, etc.) will be applied during construction or maintenance operations.

If permanent pavement markings are placed as part of the construction project, then the following pay items should be used:

710 items for work zone markings

710-90 for painted pavement markings final surface (one coat of paint and RPMs)

701, 709, 711, or 713 for permanent pavement markings

TRNS*PORT quantities:

For Category 0200- MOT, continue to use 710 and 102-78 items.

For Category 0300- Signing and Pavement Markings , include either item 710-90, or pay item(s) for final marking materials, as called for in the plans.

Related Items

Required

Recommended

Plan Summary Box

Signing and Pavement Markings: Tabulation of Quantities

Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet

Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Contractor's Certification of Quantities must be submitted. Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 710- 90- PAINTED PAVEMENT MARKINGS- FINAL SURFACE LS/LS

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS		1/1/2013	

**710-Maint PAINTED PAVEMENT MARKINGS
Maintenance Contracts Only**

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** ?

Notes **Maintenance Item: Not Valid for Construction Contracts**

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

Related Items **Required** **Recommended**

Plan Summary Box Maintenance Item- No Form Required
NA

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **710-Maint** **PAINTED PAVEMENT MARKINGS** **Mixed**
Maintenance Contracts Only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
E710 11121	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	LF		1/1/2013	
E710 11141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 6"	LF		1/1/2013	
E710 11221	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	LF		1/1/2013	
E710 11241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	LF		1/1/2013	
E710 17	REMOVAL OF NON-CONFLICTING PAINT/LONGLINE STRIPE PRIOR TO REFURBISH	SF		1/1/2013	

711- 1A-BCD THERMOPLASTIC PAVEMENT MARKINGS

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** no

Notes **PENDING: Effective July 2015, refer to Roadway Design Bulletin XXXX for Pavement Markings.**

Details STANDARD: Standard/Hot Applied Thermoplastic is used for all lines and markings not meeting the criteria for Rumble Stiping, Profiled Thermoplastic, Preformed Thermoplastic, or Permanent Tape

Refer to the Master Pay Item List for current 711- pay items. The BOE structure will be updated soon.

REFUR mate with
the Dis or other
pavem arking, the
existing evaluated
for 36 r

HOT S e life of
existing

PREFC mbers, per
index 1 ols.
For cor

PROFI er to
Section

BLUE/ACCESSIBLE MARKINGS: Accessible spaces for parking lots will be blue, measured per LF. Accessible message (Index 17346, sheet 12 of 14) will be WHITE.

Related Items **Required** **Recommended**

Plan Summary Box Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0300 Signing and Pavement Markings

Struct. **711- 1A-BCD** **THERMOPLASTIC PAVEMENT MARKINGS** **Mixed**

- A=Class
- Use A= 1 for Transverse, Messages/Symbols, and Arrows
- Use A= 5 or 6 for 6" or 8" longitudinal stripes- edge lines and skip lines
- 1 (Standard)
- 2 (Refurbishment)
- 3 (Hot Spray) Maintenance Use Only
- 4 (Preformed)

Refer to the Master Pay Item List for current 711- pay items. The BOE structure will be updated soon.

Numbers
Messages/Symbols
concrete surfaces; C=1 or 3
R MOT marking removal; see

OPEN

1-15
d curb face, D=0

- 4 (18")
- 5 (24")
- 24" solid for crosswalks

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0711 11102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM		7/1/2015	
0711 11122	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	LF		1/1/2013	6/30/2015
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF		1/1/2013	
<p style="color: red; font-weight: bold;">Refer to the Master Pay Item List for current 711- pay items. The BOE structure will be updated soon.</p>				1/1/2013	
				1/1/2013	
				7/1/2015	
				1/1/2013	6/30/2015
				1/1/2013	6/30/2015
				1/1/2013	6/30/2015
				1/1/2013	
				1/1/2013	
				1/1/2013	
				1/1/2013	6/30/2015
	SOLID, 8"				
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF		1/1/2013	
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM		7/1/2015	
0711 11251	THERMOPLASTIC, STANDARD, YELLOW, DOTTED / GUIDELINE /6-10 GAP EXTENSION, 6"	LF		1/1/2013	6/30/2015
0711 11421	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	LF		1/1/2013	
0711 11460	THERMOPLASTIC, STANDARD, BLUE, MESSAGE	EA		1/1/2013	
0711 12101	THERMOPLASTIC, REFURBISHMENT, WHITE, SOLID, 6"	GM		7/1/2015	
0711 12111	THERMOPLASTIC, REFURBISHMENT, WHITE, SOLID, 6"	NM		1/1/2013	6/30/2015

Refer to the Master Pay Item List for current 711- pay items. The BOE structure will be updated soon.

0711 12121	THERMOPLASTIC, REFURBISHMENT, WHITE, SOLID, 6" FOR MAINTENANCE USE	LF	1/1/2013	
0711 12122	THERMOPLASTIC, REFURBISHMENT, WHITE, SOLID, 8" FOR MAINTENANCE USE	LF	1/1/2013	
0711 12123	THERMOPLASTIC, REFURBISHMENT, WHITE, SOLID, 12" FOR CROSS WALK OR ROUNDABOUT- MAINTENANCE USE ONLY	LF	1/1/2013	
			1/1/2013	
			1/1/2013	
			1/1/2013	
			7/1/2015	
			1/1/2013	6/30/2015
			1/1/2013	
			1/1/2013	
			7/1/2015	
			1/1/2013	6/30/2015
			1/1/2013	
	YELLOW, SOLID, 6" MAINTENANCE USE ONLY			
0711 12222	THERMOPLASTIC, REFURBISHMENT, YELLOW, SOLID, 8" MAINTENANCE USE ONLY	LF	1/1/2013	
0711 12223	THERMOPLASTIC, REFURBISHMENT, YELLOW, SOLID, 12"	LF	1/1/2013	6/30/2015
0711 12224	THERMOPLASTIC, REFURBISHMENT, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON, MAINTENANCE USE ONLY	LF	1/1/2013	
0711 12225	THERMOPLASTIC, REFURBISHMENT, YELLOW, SOLID, 24"	LF	1/1/2013	6/30/2015
0711 12231	THERMOPLASTIC, REFURBISHMENT, YELLOW, SKIP, 6"	GM	1/1/2013	
0711 12241	THERMOPLASTIC, REFURBISHMENT, YELLOW 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6" MAINT USE ONLY	GM	7/1/2015	
0711 12251	THERMOPLASTIC, REFURBISHMENT, YELLOW DOTTED / GUIDELINE/ 6-10 GAP EXTENSION, 6"	LF	1/1/2013	6/30/2015

0711 13111	THERMOPLASTIC, HOT SPRAY, WHITE, SOLID, 6" MAINTENANCE USE ONLY	NM	M	1/1/2013	
0711 13122	THERMOPLASTIC, HOT SPRAY, WHITE, SOLID, 6" MAINTENANCE USE ONLY	LF	M	1/1/2013	
<p style="color: red; font-weight: bold;">Refer to the Master Pay Item List for current 711- pay items. The BOE structure will be updated soon.</p>				1/1/2013	
				1/1/2013	
				1/1/2013	
				1/1/2013	
				1/1/2013	
				1/1/2013	
				1/1/2013	
				1/1/2013	
				1/1/2013	
				1/1/2013	
	SOLID, 18" MAINTENANCE USE ONLY			1/1/2013	
0711 13225	THERMOPLASTIC, HOT SPRAY, YELLOW, SOLID, 24" MAINTENANCE USE ONLY	LF	M	1/1/2013	
0711 13231	THERMOPLASTIC, HOT SPRAY, YELLOW, SKIP, 6" MAINTENANCE USE ONLY	GM	M	1/1/2013	
0711 13251	THERMOPLASTIC, HOT SPRAY, YELLOW, DOTTED / GUIDELINE/ 6-10 GAP EXTENSION, 6" MAINTENANCE USE ONLY	LF	M	1/1/2013	
0711 14122	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 8"	LF		1/1/2013	6/30/2015
0711 14123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF		1/1/2013	
0711 14124	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 18"	LF		1/1/2013	6/30/2015
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF		1/1/2013	
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA		1/1/2013	
0711 14170	THERMOPLASTIC, PREFORMED, WHITE, ARROWS	EA		1/1/2013	
0711 14224	THERMOPLASTIC, PREFORMED, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON ON CONCRETE SURFACE	LF		1/1/2013	

0711 14560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA	1/1/2013	
0711 14660	THERMOPLASTIC, PREFORMED, MULTI COLOR ROUTE SHIELD, MESSAGE OR SYMBOL	EA	1/1/2014	
0711 15101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	7/1/2015	
0711 15102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	7/1/2015	
0711 15111	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	NM	1/1/2013	6/30/2015
0711 15112	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	NM	1/1/2013	6/30/2015
0711 15131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	1/1/2013	
0711 15133	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP	GM	1/1/2013	

Refer to the Master Pay Item List for current 711- pay items. The BOE structure will be updated soon.

			7/1/2015	
			7/1/2015	
			1/1/2013	6/30/2015
			1/1/2013	6/30/2015
			1/1/2013	
			7/1/2015	
			7/1/2015	
			1/1/2013	6/30/2015
			1/1/2013	6/30/2015

0711 16131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	1/1/2013	
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0711 16133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	1/1/2013	
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	7/1/2015	
0711 16202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM	7/1/2015	
0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	1/1/2013	6/30/2015
0711 16212	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	NM	1/1/2013	6/30/2015
0711 16231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	1/1/2013	
0711 17	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	1/1/2013	

711- 1A-BCD old THERMOPLASTIC PAVEMENT MARKINGS

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** no

Notes **PENDING: OLD pay item structure and details; valid through June 2015. Effective July 2015, refer to Roadway Design Bulletin XXXX for Pavement Markings, and the NEW pay item structure above.**

Details Standard: Hot Applied Thermoplastic, used for many/most construction or new striping applications.
Hot Spray: For Maintenance Use only, applied as an "overcoat" to extend the life of existing pavement markings. See the specification for thickness restrictions.

Effective July 2009: Some districts will be using Thermoplastic in Construction contracts. Coordinate with District Design for district specific policy.

Consists of Thermoplastic used for permanent pavement markings. Thermoplastic may be used on construction projects, in accordance with District specific policy.

Broken (skip) stripes shall consist of a succession of solid stripes.

Measurement and Payment for Pavement Markings:

Longitudinal stripes (along the direction of traffic) are normally applied by truck; these stripes are paid per NET MILE(solid) or GROSS MILE (skip). Most of these stripes are 6" in width. 3-9 and 10-30 skip stripes are included in the gross mile measurement. Measurement will be taken as the distance from the beginning of the first painted stripe to the end of the last painted stripe, and shall include the unpainted intervals, subject to 9-1.3. It will not include any lengths of unpainted intervals which are greater than 30 ft, per the specifications.

Transverse stripes (across the direction of traffic) are applied by walking with a hand operated machine; these stripes are paid per linear foot. Most of these stripes are 8"-24" wide. Measurement will be taken as the distance from the beginning of the first painted stripe to the end of the last painted stripe, and it shall NOT include the unpainted intervals.

Dotted, 2-4 Guideline, and 6-10 Gap Extension Through Cross-over Area stripes are also paid per LF, due to the walking/hand application required. Most of these stripes are 6" wide.

Non-standard stripe applications should be coordinated with the State Roadway Design Office, prior to including notes/items in the plans.

CONTRASTING ALTERNATING SKIP: Use one application of white skip thermoplastic and one application of black skip paint. Payment will be made for the length of white + length of black stripe applied.

REMOVAL ITEM (A=7): The cost for removing any conflicting pavement markings is to be included in the cost of MOT Lump Sum, per Specification 710-4 and 102-5.8. Pay item 710-17 is only to be used for Maintenance projects to remove non-conflicting pavement markings (i.e. removal of paint prior to applying a two-component reactive material; or 711-17- for removal of thermoplastic prior to applying more thermo, because the maximum thickness will be exceeded if existing thermo is not removed).

CHEVRONS/GORE AREAS: Per Design Bulletin 12-18, 12" stripe will be used at

interstate gore areas; 8" stripe will be used at urban islands. Refer to the bulletin and design standards for complete details. For payment purposes, these stripes should use the Linear Foot pay items, as they are normally applied by hand at these locations.

SUN PASS LANES: The 3-9 skip, 12" wide, per GM is used to designate a sun pass lane or similar approach to a toll plaza.

YIELD LINE: Per the MUTCD, a yield line is a series of solid white isosceles triangles, used at intersection approaches controlled by a yield sign. It is measured per linear foot, with a length approximately equal to the lane width(s).

PAVEMENT MESSAGES: Each word is paid as one message. For example, "SUN PASS ONLY" will be paid as 3 messages. Other example messages include "YIELD", "MERGE", "LEFT", "TURN", "bicycle person", "bicycle with chevron" and wheelchair/"Universal Symbol of Accessibility". Additional messages shown on index 17346 and 17347. BLUE markings (accessible parking) will be paid per LF or EA. Note: When an arrow is used with "bicycle person", the arrow is paid separately. For the "bicycle with chevron" message, the complete message is a quantity of 1, as shown on the index.

BICYCLE MARKINGS: All bicycle markings shall use preformed thermoplastic, pay item 711-14-bcd.

CURB FACE MESSAGE: The complete message, such as "NO PARKING" is paid as one message. Plan details or Tech Specs are needed to show the dimensions and define materials/colors. Tabulate the number of curb face messages in the plans.

ARROWS (Refer to Estimates Bulletin 11-03): Each arrow is paid as a complete marking, regardless of the number of "points" or directions. Single, bi-directional and tri-directional arrows may be subtotaled in the plans, but the pay quantity will be for each complete marking. When used in a two-way left turn lane, the double arrows are counted as two each, since they are two separate locations, approximately 12' apart.

GREEN BIKE LANES: Refer to PPM and 523- pay items for Green Bike Lanes.

Refer to the Specification for the complete Method of Measurement.

ACCURACY: LF items are measured to the nearest Linear Foot; Mile items are measured to 1/1000th of a mile; and Square Foot items are measured to the nearest square foot.

TRNS*PORT quantities:

For Category 0200- MOT, continue to use 710 and 102-78 items.

For Category 0300- Signing and Pavement Markings , include either item 710-90, or pay item(s) for final marking materials, as called for in the plans.

Related Items	Required	Recommended
Plan Summary Box	Signing and Pavement Markings: Tabulation of Quantities Summarize items by pay item and location.	
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>		
Design Forms and Documentation	tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet Locate in plans. Summarize quantities by location on summary sheet in the plans.	

Construction Forms and Documentation No additional form required; use plans summary or comp book
Contractor's Certification of Quantities must be submitted. Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter** Vol 1, 7.2 for material selection and guidance
Trns-port
Other
Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 711- 1A-BCD old **THERMOPLASTIC PAVEMENT MARKINGS** **Mixed**

A=Class

- 1 (Standard) Effective July 2013: not valid for 6" or 8" longitudinal stripes
- 2 (Refurbishment)
- 3 (Hot Spray) Maintenance Use Only
- 4 (Preformed)
- 5 (Standard- Open graded asphalt surfaces) for 6" and 8" longitudinal stripes; C=1 or 3
- 6 (Standard- Other surfaces) for 6" and 8" longitudinal stripes on dense graded asphalt or concrete surfaces; C=1 or 3
- 7 (Remove) SF, BCD=blank. NOT FOR MOT marking removal; see details above.

B=Color

- 1 (White) C=1-8
- 2 (Yellow) C=1-5
- 3 (Black) not valid as of 12-15-05; use 710 paint items. See details above.
- 4 (Blue) C=2,6
- 5 (White with Black Contrast) A=4 only; C=6 or 7 only
- 6 (Multi-color) defined in plans; specs may be needed- DO NOT OPEN

C= Type of Marking

- 1 (Solid) NM, longitudinal lines, D=1, 2 valid through 6-30-15
- 2 (Solid) LF, transverse lines; D = 2, 3, 4, 5
- 3 (Skip) GM, longitudinal lines;
 - D= 1 for 6" wide 10-30 or 3-9 skip;
 - D=3 for 12" wide 3-9 lane drop
- 5 (Dotted/Guideline/6-10 Gap Extension) LF, D=1, 2 or 3 valid through 6-30-15
 - D=2 for 8" wide 2-4 skip for roundabouts
- 6 (Message) EA Includes Yield Messages and painted curb face, D=0
- 7 (Arrows) EA ; D=0
- 8 (Yield Line) LF, D=0

D= Width

- 0 valid for C=6, 7, or 8
- 1 (6")
- 2 (8")
 - 8" 3-9 Skip stripe not valid after 12-31-11
 - 8" Solid stripe valid for channelizing line
- 3 (12")
 - 12" solid for transverse lines, including Wide 2-4 skip at roundabout
 - 12" 3-9 skip for lane drop
- 4 (18")
- 5 (24")

Notes

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The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

**711-Maint THERMOPLASTIC PAVEMENT MARKINGS
Maintenance Contracts Only**

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** ?

Notes **Maintenance Item: Not Valid for Construction Contracts**

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

Related Items **Required** **Recommended**

Plan Summary Box Maintenance Item- No Form Required
NA

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **711-Maint** **THERMOPLASTIC PAVEMENT MARKINGS** **Mixed**
Maintenance Contracts Only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
E711 3 1	PAVEMENT MESSAGES (THERMOPLASTIC)	SF		1/1/2013	
E711 6 1	TRAFFIC STRIPE SOLID (THERMOPLASTIC BLUE) (6")	LF		1/1/2013	
E711 11121	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF		1/1/2013	
E711 11141	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6"	LF		1/1/2013	
E711 11221	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF		1/1/2013	
E711 11241	THERMOPLASTIC, STANDARD, YELLOW, SKIP, 6"	LF		1/1/2013	

E711 12141	THERMOPLASTIC, REFURBISHMENT, WHITE, SKIP, 6"	LF	1/1/2013
E711 31 1	HOT SPRAY BINDER, SKIP STRIPE (WHITE)	GM	1/1/2013
E711 32 1	HOT SPRAY BINDER, SKIP STRIPE (YELLOW)	GM	1/1/2013
E711 33 1	HOT SPRAY BINDER, SKIP STRIPE (WHITE)	LF	1/1/2013
E711 34 1	HOT SPRAY BINDER, SKIP STRIPE (YELLOW)	LF	1/1/2013
E711 35 8	HOT SPRAY BINDER, SOLID STRIPE (WHITE) (8")	LF	1/1/2013
E711 36 8	HOT SPRAY BINDER, SOLID STRIPE (YELLOW) (8")	LF	1/1/2013
E711 37 6	HOT SPRAY BINDER, SOLID, 6" STRIPE (WHITE)	NM	1/1/2013
E711 38 6	HOT SPRAY BINDER, SOLID, 6" STRIPE (YELLOW)	NM	1/1/2013

713-1AA-BCD PERMANENT TAPE

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** no

Notes **PENDING: Effective July 2015, refer to Roadway Design Bulletin XXXX for Pavement Markings**

Refer to the Master Pay Item List for current 713- pay items. The BOE structure will be updated soon.

vement markings on concrete. Traffic) operations; "temporary" 102-912- items.

Design Bulletin XXXX and revised 2015 Tape Markings.

concrete surfaces: (e tape + 10' black tape) concrete riding surfaces

markings.

normally applied by truck; these LE (skip). Most of these stripes are 6" d in the gross mile measurement. beginning of the first painted stripe to he unpainted intervals, subject to 9- vals which are greater than 30 ft, per

conflicting pavement markings is to be cation 710-4 and 102-5.8. Pay item to remove non-conflicting pavement o-component reactive material; or 711- ore thermo, because the maximum thickness will be exceeded if existing thermo is not removed).

Refer to the Specification for the complete Method of Measurement.

ACCURACY: LF items are measured to the nearest Linear Foot; Mile items are measured to 1/1000th of a mile; and Square Foot items are measured to the nearest square foot.

TRNS*PORT quantities:

For Category 0200- MOT, continue to use 710 and 102-78 items.

For Category 0300- Signing and Pavement Markings , include either item 710-90, or pay item(s) for final marking materials, as called for in the plans.

Related Items **Required** **Recommended**

Plan Summary Box Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

**Design Forms
and
Documentation**

**Construction
Forms and
Documentation**

- References**
- PPM Chapter**
 - Trns-port**
 - Other**
 - Standards**
 - Specifications**

<i>TRNS*PORT Category (DRAFT FIELD)</i>	0300	Signing and Pavement Markings
<p style="color: red; font-weight: bold; margin: 0;">Refer to the Master Pay Item List for current 713- pay items. The BOE structure will be updated soon.</p>		Mixed
		OT FOR MOT marking removal
		lines
	2 (8")	

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0713102111	PREFORMED TAPE, HIGH PERFORMANCE, WHITE, SOLID, 6"	NM		1/1/2013	6/30/2015
0713102131	PREFORMED TAPE, WHITE, SKIP, 6"	GM		1/1/2013	6/30/2015
0713102211	PREFORMED TAPE, HIGH PERFORMANCE, YELLOW, SOLID, 6"	NM		1/1/2013	6/30/2015
0713102231	PREFORMED TAPE, YELLOW, SKIP, 6"	GM		1/1/2013	6/30/2015
0713102331	PREFORMED TAPE, BLACK, SKIP, 6"	GM		1/1/2013	6/30/2015
0713102513	PREFORMED TAPE, HIGH PERFORMANCE, WHITE/BLACK CONTRAST, SOLID, 9"	NM	A	1/1/2013	6/30/2015
0713102533	PREFORMED TAPE, HIGH PERFORMANCE, WHITE/BLACK CONTRAST, SKIP, 9"	GM		1/1/2013	6/30/2015

0713102538	PREFORMED TAPE, HIGH PERFORMANCE, GM WHITE/BLACK CONTRAST, SKIP LANE	1/1/2013	6/30/2015
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Refer to the Master Pay Item List for current 713- pay items. The BOE structure will be updated soon.

0		/1/2015
0		/1/2015
0		/1/2015
0		/1/2015
0		/1/2015
0		/1/2015
0		/1/2015
0		/1/2015
0713107	PREFORMED/PERMANENT TAPE, REMOVE SF	1/1/2013

713-1AA-BCD old PREFORMED TAPE PAVEMENT MARKINGS

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** no

Notes **PENDING: OLD pay item structure and details; valid through June 2015. Effective July 2015, refer to Roadway Design Bulletin XXXX for Pavement Markings, and the NEW pay item structure above.**

Details Consists of Preformed Tape used for permanent pavement markings; it should be considered for use on concrete surfaces. For MOT (Maintenance of Traffic) operations, "temporary" removable tape should be paid under 102-911- and 102-912- items.

Projects let January 2014 and later:
DO NOT USE for asphalt pavement. Required for concrete pavement, skip lines greater than 300'; requires black contrast. Not valid for solid lines.

High performance tapes are required for longitudinal markings. Standard tapes are limited to transverse lines, arrows and messages on high speed concrete facilities where tape is being used on the edge marking. If other edge markings are used such as thermoplastic, the transverse markings should be the same material as the edge line. For transverse lines on urban concrete facilities and ramps, preformed thermoplastic markings should be used.

Note: Do not use high performance tape for transverse markings without the approval of the District Design Engineer, due to the increased cost of this material.

Effective January 2012: High Performance Contrast Tape is required for skip pavement markings on all new concrete pavement surfaces, except bridges, on projects with a minimum of 1/2 mile of skip pavement markings. Refer to the Estimates Bulletin 11-07 for additional details.

Broken (skip) stripes shall consist of a succession of solid stripes.

Measurement and Payment for Pavement Markings:

Longitudinal stripes (along the direction of traffic) are normally applied by truck; these stripes are paid per NET MILE(solid) or GROSS MILE (skip). Most of these stripes are 6" in width. 3-9 and 10-30 skip stripes are included in the gross mile measurement. Measurement will be taken as the distance from the beginning of the first painted stripe to the end of the last painted stripe, and shall include the unpainted intervals, subject to 9-1.3. It will not include any lengths of unpainted intervals which are greater than 30 ft, per the specifications.

Transverse stripes (across the direction of traffic) are applied by walking with a hand operated machine; these stripes are paid per linear foot. Most of these stripes are 8"-24" wide. Measurement will be taken as the distance from the beginning of the first painted stripe to the end of the last painted stripe, and it shall NOT include the unpainted intervals.

Dotted, 2-4 Guideline, and 6-10 Gap Extension Through Cross-over Area stripes are also paid per LF, due to the walking/hand application required. Most of these stripes are 6" wide.

Non-standard stripe applications should be coordinated with the State Roadway Design Office, prior to including notes/items in the plans.

WHITE W/BLACK CONTRAST: The white with black contrast stripe is normally used as

above for 6" stripe, although the total width is 9" (a 6" white stripe, plus additional black material to improve contrast).

Effective January 2012: Contrast high performance tape (Section 713) shall be used for SKIP pavement markings on all new concrete pavement surfaces, except bridges, on projects with a minimum of 1/2 mile of skip pavement markings, per Estimates Bulletin 11-07 and Roadway Design Bulletin 11-12. Messages, as shown on Index 17346 shall use Thermoplastic (Section 711) items.

REMOVAL ITEM (A=7): The cost for removing any conflicting pavement markings is to be included in the cost of MOT Lump Sum, per Specification 710-4 and 102-5.8. Pay item 710-17 is only to be used for Maintenance projects to remove non-conflicting pavement markings (i.e. removal of paint prior to applying a two-component reactive material; or 711-17- for removal of thermoplastic prior to applying more thermo, because the maximum thickness will be exceeded if existing thermo is not removed).

CHEVRONS/GORE AREAS: Per Design Bulletin 12-18, 12" stripe will be used at interstate gore areas; 8" stripe will be used at urban islands. Refer to the bulletin and design standards for complete details. For payment purposes, these stripes should use the Linear Foot pay items, as they are normally applied by hand at these locations.

YIELD LINE: Per the MUTCD, a yield line is a series of solid white isosceles triangles, used at intersection approaches controlled by a yield sign. It is measured per linear foot, with a length approximately equal to the lane width(s).

PAVEMENT MESSAGES: Each word is paid as one message. For example, "SUN PASS ONLY" will be paid as 3 messages. Other example messages include "YIELD", "MERGE", "LEFT", "TURN", "bicycle person", "bicycle with chevron" and wheelchair/"Universal Symbol of Accessibility". Additional messages shown on index 17346 and 17347. BLUE markings (accessible parking) will be paid per LF or EA. Note: When an arrow is used with "bicycle person", the arrow is paid separately. For the "bicycle with chevron" message, the complete message is a quantity of 1, as shown on the index.

CURB FACE MESSAGE: The complete message, such as "NO PARKING" is paid as one message. Plan details or Tech Specs are needed to show the dimensions and define materials/colors. Tabulate the number of curb face messages in the plans.

ARROWS (Refer to Estimates Bulletin 11-03): Each arrow is paid as a complete marking, regardless of the number of "points" or directions. Single, bi-directional and tri-directional arrows may be subtotaled in the plans, but the pay quantity will be for each complete marking. When used in a two-way left turn lane, the double arrows are counted as two each, since they are two separate locations, approximately 12' apart.

GREEN BIKE LANES: Refer to PPM and 523- pay items for Green Bike Lanes.

Refer to the Specification for the complete Method of Measurement.

ACCURACY: LF items are measured to the nearest Linear Foot; Mile items are measured to 1/1000th of a mile; and Square Foot items are measured to the nearest square foot.

TRNS*PORT quantities:

For Category 0200- MOT, continue to use 710 and 102-78 items.

For Category 0300- Signing and Pavement Markings , include either item 710-90, or pay item(s) for final marking materials, as called for in the plans.

Related Items

Required

Recommended

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Plan Summary Box Signing and Pavement Markings: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqsp: Signing & Pavement Marking Tabulation of Quantity Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Contractor's Certification of Quantities must be submitted. Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter** Vol 1, 7.2 for material selection and guidance
Trns-port
Other
Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0300 Signing and Pavement Markings

Struct. 713-1AA-BCD old **PREFORMED TAPE PAVEMENT MARKINGS** **Mixed**

AA= Class

01 (Standard) Transverse lines, arrows, and messages only, per spec. Valid through 12-31-13.

02 (High Performance) valid through 6-30-15

07 (Removal) SF, BCD=blank. NOT FOR MOT marking removal; see details above.

B= Color

1 (White) C=1-8

2 (Yellow) C=1-5

3 (Black)

4 (Blue) valid through 6-30-15

5 (White w/Black Contrast)

D=0 (arrows, messages, dotted/guidelines),

D=3, 7, or 8 for NM, GM, and LF applications

6 (Multi-Color) defined in plans; specs may be needed- DO NOT OPEN

C= Type of Marking

1 (Solid) NM, longitudinal lines valid through 12-31-13

2 (Solid) LF, transverse lines; D = 2-7 valid through 12-31-13

3 (Skip) GM;

D= 1 for 6" wide 10-30 or 3-9 skip;

D= 4 for 12" wide 3-9 lane drop.

5 (Dotted / Guideline/6-10 Gap Extension) LF valid through 12-31-13

6 (Message) EA, D=0 valid through 12-31-13

7 (Arrows) EA, D=0 valid through 12-31-13

8 (Yield Line) LF, D=0 valid through 12-31-13

D= Width

0 valid for C=6, 7, or 8

1 (6")

2 (8")

8" 3-9 Skip stripe not valid after 12-31-11

8" Solid stripe valid for channelizing line

- 3 (9") valid for 6" white/black contrast applications only, B=5
- 4 (12")
 - 12" solid for transverse lines (LF) or channelizing line (NM)
 - 12" 3-9 skip for lane drop
- 5 (18")
- 6 (24")
- 7 (11") valid for 8" white/black contrast applications only, B=5
 - 8" 3-9 Skip stripe not valid after 12-31-11
 - 8" Solid stripe valid for channelizing line
- 8 (15") valid for 12" white/black contrast applications only, B=5
 - 12" solid for transverse lines
 - 12" 3-9 skip for lane drop

Notes

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The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

714- 1-ABC MOTORIST AID CALL BOX

Unit AS **Accuracy** Assembly **PlanQuantity?** no

Notes

Valid through 12-31-14; contact the BOE Coordinator to request items.

Details

New installations- estimate quantity on basis of 2 per mile (1 per 804 meters) in project length for rural areas.

For projects let through June 2009: Per Index, concrete pad is paid under Class II concrete, Misc.

For projects let July 2009 and later: Concrete pad is included in cost of call box assembly. Refer to updated design standards.

NOTE: Call Box system pay items removed from BOE structure. They may be restored upon approval of responsible Office.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation

Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Record final quantity on the computation book form.

References

PPM Chapter

Trns-port

Other

Standards Index No. 17600

Specifications

T: Plan Details and/or Technical Specifications required

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 714- 1-ABC MOTORIST AID CALL BOX AS

- A = Operation
- 1 (Furnish & Install)
- 3 (Install) BC=00
- 4 (Modify Existing Roadside Terminal) BC=00
- 5 (Relocate Existing Roadside Terminal) BC=00
- 6 (Remove) BC=00
- 7 (Refurnish) BC=00
- B = Installation Type

- 1 (Roadside Call Terminal)
- 2 (Call Box Assembly)
- 3 (Central Terminal)
- C = Form
- 1 (Coded Message, Radio)
- 2 (Coded Message, Wire)
- 3 (Voice, Radio)
- 4 (Voice, Wire)

Notes

.....
The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

714-Maint	MOTORIST AID CALL BOX Maintenance Contracts Only
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Unit	Mixed	Accuracy	Refer to item structure and details	PlanQuantity?	?
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Notes **Maintenance Item: Not Valid for Construction Contracts**

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

Related Items	Required	Recommended
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Plan Summary Box	Maintenance Item- No Form Required NA
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NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References	PPM Chapter
	Trns-port
	Other
	Standards
	Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct.	714-Maint	MOTORIST AID CALL BOX Maintenance Contracts Only	Mixed
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Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

715- 1- AB LIGHTING- CONDUCTORS

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** no

Notes

Details

Includes conductors as per the plans and standard indexes. Design quantity shall be based on the length of single conductor in horizontal measurement. DO NOT USE FOR NON-LIGHTING APPLICATIONS.

Example- 100' conduit (horiz length) with 3 conductors= 300' of conductor. Do not add additional lengths for sweeps or ends.

RELOCATE: Designer should verify that conductor is in good condition/new before using relocate operation. If conductor is not in good condition, remove old conductor and replace with new, using -1 and -6 operations.

REMOVE & DISPOSE: Contractor takes ownership of the removed material. Any salvage value may be incorporated into the contractor's bid price.

REMOVE & STOCKPILE: FDOT or maintaining agency retains ownership. Do not use this item, unless specifically requested by District Maintenance or the maintaining agency.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqlt: Lighting Tabulation of Quantity Sheet, or
SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards Index No. 17500, 17501, 17502
Specifications

T: Selected Items may require Plan Details and/or Technical Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

*TRNS*PORT Category (DRAFT FIELD):* 0400 Lighting

Struct. 715- 1- AB LIGHTING- CONDUCTORS LF

- A= Operation
 1 (Furnish & Install)
 4 (Relocate) B=0, see details
 5 (Adjust /Modify)B=0 valid through 6-30-15
 6 (Remove & Dispose) B=0, Note: Contractor takes ownership.
 7 (Remove & Stockpile)B=0, Note: ONLY when requested by maintaining agency
 8 (Place out of Service) B=0
- B= Size
 1 (No. 10 or smaller)
 2 (No 8 to No. 6)
 3 (No. 4 to No. 2)
 4 (No. 1 to No. 0)
 5 (No. 1/0 to No. 3/0)
 6 (No. 4/0 or larger)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 1 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	LF		1/1/2013	
0715 1 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF		1/1/2013	
0715 1 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF		1/1/2013	
0715 1 14	LIGHTING CONDUCTORS, F&I, INSULATED, NO 1 TO NO 0	LF		1/1/2013	
0715 1 15	LIGHTING CONDUCTORS, F&I, NO.1/0 - 3/0 (0 to 000)	LF		1/1/2013	
0715 1 16	LIGHTING CONDUCTORS, F&I, NO.4/0 (0000) OR LARGER	LF		1/1/2013	
0715 1 40	LIGHTING CONDUCTORS, RELOCATE EXISTING CONDUCTOR	LF	D	1/1/2015	
0715 1 50	LIGHTING CONDUCTORS, ADJUST/MODIFY	LF	D	1/1/2013	6/30/2015
0715 1 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF		1/1/2013	
0715 1 70	LIGHTING CONDUCTORS, REMOVE & STOCKPILE, FDOT OR MAINT AGENCY OWNS	LF	D	1/1/2013	
0715 1 80	LIGHTING CONDUCTORS, PLACE OUT OF SERVICE	LF	T	1/1/2013	

715- 4-ABC		LIGHT POLE COMPLETE	
	Unit	EA	Accuracy Each
	Plan	Quantity?	no
Notes	See Details for LED Lighting.		
Details	<p>For standard light pole designs; poles listed on Qualified Products List (QPL). If a special foundation is needed, select the pay item based on the pole type; detail the special foundation in the plans, including concrete and steel quantities to be included in light pole payment. No separate payment (concrete, steel, or drilled shaft pay items) for special foundation.</p> <p>LED Lights, effective January 2014: Use the standard pole pay item. Request the Modified Special Provision through District Specifications Office. Approvals made on project-by-project basis.</p> <p>INSTALL: Plans or specs should identify agency furnishing pole, as well as pick-up or delivery instructions. Payment includes foundation and all incidentals for installation/operation.</p> <p>REMOVE: Plans or specs should identify if contractor is to take ownership of the poles, stockpile, or deliver to a FDOT maintenance yard. Plans/specs to indicate if foundation is to be removed.</p> <p>RELOCATE: Plans or specs should identify location(s) of poles, as well as compensation: Payment includes removal of old foundation, installation of new foundation, and all incidentals for installation/operation. Detail in plans.</p> <p>Use C=Custom only when the pole height is non-standard. Plans should clearly identify height for pole(s) included under this item. Remaining design standards apply. *****</p> <p>For Special Design (non-standard) light poles, refer to 715-5AB-CDD.</p> <p>For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.</p>		
Related Items	Required	Recommended	
Plan Summary Box	Lighting: Tabulation of Quantities Summarize items by pay item and location.		
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>			
Design Forms and Documentation	tabqlt: Lighting Tabulation of Quantity Sheet, or SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2) Locate in plans. Summarize quantities by location on summary sheet in the plans.		
Construction Forms and Documentation	No additional form required; use plans summary or comp book Record final quantity on the tabulation sheet (plans) or computation form (comp book).		
References	PPM Chapter Vol 1, 7.3 Trns-port Other Standards Index No. 17501, 17503, 17515		

(Index No. 17503 valid through July 2009)
Structures Manual, Vol 9

Specifications

T: Selected Items may require Plan Details and/or Technical Specifications

<http://www.dot.state.fl.us/specificationoffice/Implemented/SpecBooks>

.....
TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. 715- 4-ABC LIGHT POLE COMPLETE EA

- A= Operation
- 0 (Furnish & Install Standard Pole, Special Foundation) *foundations other than as shown on index 17515; details in plans
- 1 (Furnish & Install) Standard pole, standard foundation
- 3 (Install) BC=00, Pole furnished by local agency
- 4 (Relocate) BC=00, see detail above.
- 6 (Remove) BC=00
- B= Wind Speed (mph)
- 1 (150)
- 2 (130)
- 3 (110)
- C= Pole Height (feet)
- 1 (40)
- 2 (45)
- 3 (50)
- 9 (Custom height)

Notes

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The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 4011	LIGHT POLE COMPLETE,F&I, SPECIAL FOUNDATION,WIND SPEED 150, POLE HEIGHT 40'	EA		1/1/2013	
0715 4012	LIGHT POLE COMPLETE,F&I, SPECIAL FOUNDATION,WIND SPEED 150, POLE HEIGHT 45'	EA		1/1/2013	
0715 4013	LIGHT POLE COMPLETE,F&I, SPECIAL FOUNDATION,WIND SPEED 150, POLE HEIGHT 50'	EA		1/1/2013	
0715 4019	LIGHT POLE COMPLETE,F&I, SPECIAL FOUNDATION,WIND SPEED 150, CUSTOM HEIGHT	EA		1/1/2013	
0715 4021	LIGHT POLE COMPLETE,F&I, SPECIAL FOUNDATION,WIND SPEED 130, POLE HEIGHT 40'	EA		1/1/2013	
0715 4022	LIGHT POLE COMPLETE,F&I, SPECIAL FOUNDATION, WIND SPEED 130,POLE HEIGHT 45'	EA		1/1/2013	

0715 4023	LIGHT POLE COMPLETE,F&I, SPECIAL FOUNDATION, WIND SPEED 130,POLE HEIGHT 50'	EA		1/1/2013
0715 4029	LIGHT POLE COMPLETE,F&I, SPECIAL FOUNDATION, WIND SPEED 130, CUSTOM HEIGHT	EA	T	1/1/2013
0715 4031	LIGHT POLE COMPLETE, F&I STANDARD POLE-SPECIAL FOUNDATION, WIND SPEED 110, POLE HEIGHT 40'	EA	P	1/1/2013
0715 4032	LIGHT POLE COMPLETE, F&I STANDARD POLE-SPECIAL FOUNDATION, WIND SPEED 110, POLE HEIGHT 45'	EA	P	1/1/2013
0715 4033	LIGHT POLE COMPLETE,F&I, SPECIAL FOUNDATION,WIND SPEED 110, POLE HEIGHT 50'	EA		1/1/2013
0715 4111	LIGHT POLE COMPLETE, F&I, WIND SPEED 150, POLE - 40'	EA	T	1/1/2013
0715 4112	LIGHT POLE COMPLETE, F&I, WIND SPEED 150, POLE - 45'	EA	T	1/1/2013
0715 4113	LIGHT POLE COMPLETE, F&I, WIND SPEED 150, POLE HEIGHT- 50'	EA		1/1/2013
0715 4119	LIGHT POLE COMPLETE, F&I, WIND SPEED 150, CUSTOM HEIGHT	EA	T	1/1/2013
0715 4121	LIGHT POLE COMPLETE, F&I, WIND SPEED 130, POLE HEIGHT 40'	EA		1/1/2013
0715 4122	LIGHT POLE COMPLETE, F&I, WIND SPEED 130, POLE HEIGHT 45'	EA		1/1/2013
0715 4123	LIGHT POLE COMPLETE, F&I, WIND SPEED 130, POLE HEIGHT 50'	EA		1/1/2013
0715 4129	LIGHT POLE COMPLETE, F&I, WIND SPEED 130, CUSTOM HEIGHT	EA	T	1/1/2013
0715 4131	LIGHT POLE COMPLETE, F&I, WIND SPEED 110, POLE HEIGHT 40'	EA		1/1/2013
0715 4132	LIGHT POLE COMPLETE, F&I, WIND SPEED 110, POLE HEIGHT 45'	EA		1/1/2013
0715 4133	LIGHT POLE COMPLETE, F&I, WIND SPEED 110, POLE HEIGHT 50'	EA		1/1/2013
0715 4139	LIGHT POLE COMPLETE, F&I, WIND SPEED 110, CUSTOM HEIGHT	EA		1/1/2013
0715 4300	LIGHT POLE COMPLETE, INSTALL	EA		1/1/2013
0715 4400	LIGHT POLE COMPLETE, RELOCATE	EA		1/1/2013
0715 4600	LIGHT POLE COMPLETE, REMOVE	EA		1/1/2013

715- 5- AB LUMINAIRE & BRACKET ARM

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details Includes the bracket arm, luminaire with lamp and all necessary mounting hardware as per the plans and indexes.

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqlt: Lighting Tabulation of Quantity Sheet, or SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other Normally requires SHOP DRAWINGS
Standards Index No. 17500, 17501
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. **715- 5- AB** **LUMINAIRE & BRACKET ARM** **EA**

- A = Operation
- 1 (Furnish & Install)
- 3 (Install) B=0
- 4 (Relocate) B=0
- 5 (Remove) B=0
- B = Material Type
- 1 (Aluminum)
- 2 (Galvanized Steel)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 5 11	LUMINAIRE & BRACKET ARM, F&I, ALUMINUM	EA		1/1/2013	
0715 5 12	LUMINAIRE & BRACKET ARM, F&I, GALVANIZED STEEL	EA		1/1/2013	
0715 5 30	LUMINAIRE & BRACKET ARM, INSTALL	EA		1/1/2013	

0715 5 50	LUMINAIRE & BRACKET ARM, REMOVE	EA	1/1/2013
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715- 7- AB LOAD CENTER

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details Includes all components listed in the Standards and all external and internal conduit and conductors for the service.

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqlt: Lighting Tabulation of Quantity Sheet, or SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other
Standards Index No. 17504
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. **715- 7- AB** **LOAD CENTER** **EA**

- A = Operation
- 1 (Furnish & Install)
- 2 (Rework)
- 3 (Relocate)
- 4 (Remove)
- B =Service
- 1 (Secondary Voltage)
- 2 (Primary Voltage)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 7 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA		1/1/2013	
0715 7 12	LOAD CENTER, F&I, PRIMARY VOLTAGE	EA		1/1/2013	
0715 7 21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA		1/1/2013	

0715 7 31	LOAD CENTER, RELOCATE, SECONDARY VOLTAGE	EA	1/1/2013
0715 7 32	LOAD CENTER, RELOCATE, PRIMARY VOLTAGE	EA	1/1/2013
0715 7 41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA	1/1/2013
0715 7 42	LOAD CENTER, REMOVE, PRIMARY VOLTAGE	EA	1/1/2013

715- 10- A LIGHT POLE FOUNDATION

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

MAINTENANCE USE ONLY. For relocating poles during construction, removal of existing foundation, and F&I of new foundation are included with Light Pole- Relocate.

DO NOT USE WITH LIGHT POLE COMPLETE. Foundation is included in cost of complete pole installation, relocate, or removal.

This item is normally used for maintenance type functions. Includes the foundation and anchor bolts with lock nuts and washers as per the plans and standard indexes. Includes all components listed in the Standards and all external conduit and conductors for the service.

Related Items

Required

Recommended

Plan Summary Box

Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqlt: Lighting Tabulation of Quantity Sheet, or
SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter

Trns-port

Other

Normally requires SHOP DRAWINGS for Furnish & Install Items

Standards

Index No. 17501, 17503, 17504
(Index No. 17503 valid through July 2009)

Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. 715- 10- A LIGHT POLE FOUNDATION EA

- A = Operation
- 2 (Furnish & Install) Do not use with F&I or Relocate light poles.
- 3 (Repair)
- 4 (Straighten Existing Foundation)
- 5 (Remove- no existing pole) Do not use with light pole removal or light pole relocate.

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 10 2	LIGHT POLE FOUNDATION, F&I	EA		1/1/2013	
0715 10 3	LIGHT POLE FOUNDATION, REPAIR	EA		1/1/2013	
0715 10 4	LIGHT POLE FOUNDATION, STRAIGHTEN EXISTING FOUNDATION	EA		1/1/2013	
0715 10 5	LIGHT POLE FOUNDATION, REMOVE	EA		1/1/2013	

715- 11-AAA LUMINAIRE- UNDERDECK PENDANT

Unit EA **Accuracy** Each **PlanQuantity?**

Notes **MONITOR: Tim Lattner, Director, State Maintenance Office or Chester Henson, Lighting Expert for State Roadway Design Office**

Details Contact the monitor for approval.

Other types of lighting should be considered before underdeck pendant lighting is approved.

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
 Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

- References** **PPM Chapter**
 Trns-port
 Other
 Standards
 Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **715- 11-AAA** **LUMINAIRE- UNDERDECK PENDANT** **EA**

AA= Operation, Project Specific Approvals
 1 (F&I, Project 403103-1-52-01) May 2015
 2 (F&I, Project 240200-2-52-01) Oct 2017

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

715- 11-ABC LUMINAIRE

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Includes the luminaire with lamp and necessary mounting hardware as per the plans and standard indexes.

DO NOT USE WITH items 715-4-ABC Light Pole Complete or 715-5AB-CDD Light Pole Complete, Special Design; the luminaire is included with the complete pole.

UNDERDECK PENDANT: Valid through 12-31-13. "The preferred luminaire for underdeck lighting is a wall mount fixture and that pendant hung lighting should only be used when it is impossible to meet the lighting requirements." A project specific pay item will be provided for approved exceptions.

WALL MOUNT: This item is intended for vertical walls, such as under bridges, and is not intended for barrier walls.

SPECIAL: Valid through 6-30-14. Contact the BOE Coordinator for replacement item(s).

DO NOT USE WITH NEW SIGN INSTALLATIONS; lighting for new signs is included in the cost of the sign. Refer to Section 700 of the specifications.

Related Items

Required

Recommended

Plan Summary Box

Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqlt: Lighting Tabulation of Quantity Sheet, or
SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter

Trns-port

Other

Normally requires SHOP DRAWINGS for Furnish & Install Items

Standards

Index No. 17500, 17501, 17502, 17505

Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. 715- 11-ABC LUMINAIRE EA

- A = Operation
- 1 (Furnish & Install)
- 3 (Install) BC=00
- 4 (Relocate) BC=00
- 5 (Remove) BC=00

- 6 (Repair & Reinstall) BC=00
 - B = Location
 - 1 (Roadway) Do not use with "Light Pole, Complete" or "Light Pole, Special Design"
 - 2 (Underdeck)
 - 3 (Sign) for Retrofits only; no separate payment for lighting on new signs
 - C = Type
 - 1 (Cobra Head)
 - 2 (High Mast)
 - 3 (Pole Top)
 - 4 (Shoe Box)
 - 5 (Wall Mount) NOT Barrier Wall Mount
 - 6 (Pendant Hung)
 - 7 (Sign Mount)
 - 8 (Flood)
 - 9 (Special)* Valid through 06-30-2014
- *Selected Items require Tech Spec and/or Plan Details.

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 11 1	LUMINAIRE, UNDER DECK PENDANT, F&I PROJECT 406103-1-52-01	EA		1/1/2015	
0715 11 2	LUMINAIRE, UNDER DECK PENDANT, F&I PROJECT 240200-2-52-01	EA		10/1/2017	12/31/2017
0715 11111	LUMINAIRE, F&I, ROADWAY, COBRA HEAD	EA		1/1/2013	
0715 11112	LUMINAIRE, F&I, ROADWAY, HIGH MAST	EA		1/1/2013	
0715 11113	LUMINAIRE, F&I, ROADWAY, POLE TOP	EA		1/1/2013	
0715 11114	LUMINAIRE, F&I, ROADWAY, SHOE BOX	EA		1/1/2013	
0715 11115	LUMINAIRE, F&I, ROADWAY, WALL MOUNT	EA		1/1/2013	
0715 11116	LUMINAIRE, F&I, ROADWAY, PENDANT HUNG	EA		1/1/2013	
0715 11118	LUMINAIRE, F&I, ROADWAY, FLOOD	EA		1/1/2013	
0715 11125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA		1/1/2013	
0715 11128	LUMINAIRE, F&I, UNDER DECK, FLOOD	EA		1/1/2013	
0715 11136	LUMINAIRE, F&I, SIGN, PENDANT HUNG	EA		1/1/2013	
0715 11137	LUMINAIRE, F&I, SIGN, SIGN MOUNT	EA		1/1/2013	
0715 11138	LUMINAIRE, F&I, SIGN, FLOOD	EA		1/1/2013	
0715 11400	LUMINAIRE, RELOCATE	EA		1/1/2013	
0715 11500	LUMINAIRE, REMOVE	EA		1/1/2013	
0715 11600	LUMINAIRE, REPAIR & REINSTALL	EA		1/1/2013	

715- 16- A LIGHTING- BALLAST

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **715- 16- A** **LIGHTING- BALLAST** **EA**

A= Operation
5 (Replace)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 16 5	LIGHTING - BALLAST, REPLACE	EA	T	1/1/2013	

715- 17- AB LIGHTING- LAMP

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD):

Struct.	715- 17- AB	LIGHTING- LAMP	EA
	A= Operation 5 (Replace)		
	B=Type 2 (Mercury Vapor) 3 (Metal Halide) 5 (Low Pressure Sodium)		

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 17 52	LIGHTING - LAMP, REPLACE, MERCURY VAPOR	EA	T	1/1/2013	
0715 17 53	LIGHTING - LAMP, REPLACE, METAL HALIDE	EA	T	1/1/2013	
0715 17 55	LIGHTING - LAMP, REPLACE, LOW PRESSURE SODIUM	EA	T	1/1/2013	

715- 19- A LIGHTING- SURGE PROTECTOR- Maintenance Use Only

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

No separate payment for surge protector for new construction; refer to Section 715. Payment is included with the Pole Cable Distribution System.

For maintenance contracts, specifications are needed.

Related Items

Required **Recommended**

Plan Summary Box

Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabq1t: Lighting Tabulation of Quantity Sheet, or
SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. 715- 19- A LIGHTING- SURGE PROTECTOR- Maintenance Use EA
Only

- A =
- 1 (Pole Base) valid through 6-30-2015
- 2 (Install Only) valid through 6-30-2015
- 3 (Replace existing) effective 7-1-15, valid for maintenance contracts only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 19 1	LIGHTING - SURGE PROTECTOR, POLE BASE	EA	T	1/1/2013	

715- 19-ABC HIGH MAST LIGHT POLE, COMPLETE

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Includes the pole, luminaires with lamps, lowering system, breakers and anchor bolts with lock nuts and washers as indicated in the plans and the Design Standards.

NO SEPARATE PAYMENT for the foundation, drilled shaft excavation, CSL tubes, or concrete pad around pole or pull box; all foundation work is included in the payment for a complete light pole.

Related Items

Required

Recommended

Plan Summary Box

Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqlt: Lighting Tabulation of Quantity Sheet, or SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards Index No. 17502
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. **715- 19-ABC** **HIGH MAST LIGHT POLE, COMPLETE** **EA**

- A= Operation
- 1 (Furnish & Install)
- 3 (Install) BC=00, Pole furnished by local agency
- 6 (Remove) BC=00
- B= Wind Speed (mph)
- 1 (150)
- 2 (130)
- 3 (110)
- C = Pole Height (feet)
- 1 (80)
- 2 (100)
- 3 (120)
- 9 (Custom Height)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 19111	HIGH MAST LIGHT POLE, F&I, WIND SPEED-150 MPH, POLE 80'	EA		1/1/2013	
0715 19112	HIGH MAST LIGHT POLE, F&I, WIND SPEED-150 MPH, POLE 100'	EA		1/1/2013	
0715 19113	HIGH MAST LIGHT POLE, F&I, WIND SPEED-150 MPH, POLE 120'	EA		1/1/2013	
0715 19119	HIGH MAST LIGHT POLE, F&I, WIND SPEED-150 MPH, CUSTOM HEIGHT	EA		1/1/2013	
0715 19121	HIGH MAST LIGHT POLE, F&I, WIND SPEED-130 MPH, POLE 80'	EA		1/1/2013	
0715 19122	HIGH MAST LIGHT POLE, F&I, WIND SPEED-130 MPH, POLE 100'	EA		1/1/2013	
0715 19123	HIGH MAST LIGHT POLE, F&I, WIND SPEED-130 MPH, POLE 120'	EA		1/1/2013	
0715 19129	HIGH MAST LIGHT POLE, F&I, WIND SPEED-130 MPH, CUSTOM HEIGHT	EA		1/1/2013	
0715 19132	HIGH MAST LIGHT POLE, F&I, WIND SPEED-110 MPH, POLE 100'	EA		1/1/2013	
0715 19133	HIGH MAST LIGHT POLE COMPLETE, F&I, WIND SPEED-110 MPH, POLE HEIGHT 120'	EA		1/1/2013	
0715 19300	HIGH MAST LIGHT POLE, INSTALL	EA		1/1/2013	
0715 19600	HIGH MAST LIGHT POLE, REMOVE	EA		1/1/2013	

715- 20- A LIGHTING- SCHEDULED CLEANING

Unit LU **Accuracy** Luminaire **PlanQuantity?** no

Notes

Details This is a maintenance operation. Coordinate the use of this item with the District Maintenance Office. Verify correct funding for this pay item.

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqlt: Lighting Tabulation of Quantity Sheet, or SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. 715- 20- A **LIGHTING- SCHEDULED CLEANING** **LU**

- A =
- 1 (Pole Mounted <50')
- 2 (Underdeck)
- 3 (Sign Luminaire)
- 4 (High Mast)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 20 4	LIGHTING - SCHEDULED CLEANING, HIGH MAST	LU		1/1/2013	

715- 21- A LIGHTING REPAIRS

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** no

Notes

Details

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0400 Lighting

Struct. **715- 21- A** **LIGHTING REPAIRS** **Mixed**

A= Component/units
1 (Electrical Work) LS

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 21 1	LIGHTING REPAIRS- ELECTRICAL WORK	LS	T	1/1/2013	

715- 22- LIGHTING- GROUND ROD (Pre-event, Push Button, and Maintenance Contracts Only)

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0400 Lighting

Struct. 715- 22- **LIGHTING- GROUND ROD (Pre-event, Push Button, and Maintenance Contracts Only)** **EA**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

715- 24- A LIGHTING- FUSE- POLE BASE (Pre-event, Push Button, and Maintenance Contracts Only)

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0400 Lighting

Struct. **715- 24- A** **LIGHTING- FUSE- POLE BASE (Pre-event, Push Button, and Maintenance Contracts Only)** **EA**

A= Operation

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 24 5	LIGHTING - FUSE- POLE BASE, REPLACE	EA		1/1/2013	

715- 26- A QUICK DISCONNECT PLUG

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details For use with Maintenance Contracts Only.
When needed for new roadway or high mast lighting, include with light pole complete or related item(s).

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqlt: Lighting Tabulation of Quantity Sheet, or SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. **715- 26- A** **QUICK DISCONNECT PLUG** **EA**

A =MAINTENANCE CONTRACTS ONLY
1 (Switch Boxing - For Sign Structure)
2 (Plug Pole Base - High Mast)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 26 1	QUICK DISCONNECT PLUG, SWITCH BOXING FOR SIGN	EA		1/1/2013	
0715 26 2	QUICK DISCONNECT PLUG,PLUG POLE BASE, HIGH MAST	EA		1/1/2013	

**715- 30- AA GROUP RELAMPING (LIGHTING)
Maintenance Use Only**

Unit LU **Accuracy** Luminaire **PlanQuantity?** no

Notes

Details

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqlt: Lighting Tabulation of Quantity Sheet, or SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. **715- 30- AA** **GROUP RELAMPING (LIGHTING)** **LU**
Maintenance Use Only

- AA =
- 1 (Mercury Vapor)
- 2 (High Pressure Sodium)
- 3 (Metal Halide)
- 4 (Bridge Mounted HPS)
- 5 (High Mast/HPS)
- 6
- 7
- 8 (Low Pressure Sodium)
- 9 (Fluorescent)
- 10 (Incandescent)
- 11 (State Furnished Lamps)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 30 2	LIGHTING- GROUP RELAMPING, HIGH PRESSURE SODIUM	LU		1/1/2013	
0715 30 5	GROUP RELAMPING, LIGHTING, HIGH MAST/HPS	LU		1/1/2013	

**715- 31- AA LIGHTING - ROUTINE MAINTENANCE
Maintenance Use Only**

Unit LU **Accuracy** Luminaire **PlanQuantity?** no

Notes

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqlt: Lighting Tabulation of Quantity Sheet, or
SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. 715- 31- AA **LIGHTING - ROUTINE MAINTENANCE** **LU**
Maintenance Use Only

- AA =
1 (Shoulder, Single Arm)
2 (Shoulder, Double Arm)
3 (Median, Single Arm, Barrier Wall Mounted.)
4 (Median, Double Arm, Barrier Wall Mounted.)
5 (Bridge Mounted)
6 (Underdeck)
7 (Load Center)
8 (High Mast Pole)
9 (Overhead Sign Assembly)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 31 1	ROUTINE LIGHTING MAINTAINANCE, SHOULDER, SINGLE ARM	LU	T	1/1/2013	
0715 31 6	ROUTINE LIGHTING MAINTAINANCE, UNDERDECK	LU	T	1/1/2013	

715- 32- LIGHTING- DIAGNOSTIC WORK (Pre-event, Push Button, and Maintenance Contracts Only)

Unit LO **Accuracy** Location **PlanQuantity?** no

Notes

Details

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
 Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
 Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. 715- 32- **LIGHTING- DIAGNOSTIC WORK (Pre-event, Push Button, and Maintenance Contracts Only)** **LO**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 32	LIGHTING- DIAGNOSTIC WORK	LO		1/1/2013	

715- 36- AB LIGHT POLE FRANGIBLE BASE

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

DO NOT use with Light Pole Complete. Frangible base is included with light pole complete.

Normally used for maintenance activities. Includes the frangible base, attachments, bolts and washers as per the plans and standard indexes.

Related Items

Required **Recommended**

Plan Summary Box

Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqlt: Lighting Tabulation of Quantity Sheet, or
SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards Index No. 17501
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. 715- 36- AB LIGHT POLE FRANGIBLE BASE EA

- A = Operation
- 1 (Furnish & Install)
- 4 (Remove)
- 5 (Leveling In-Place Pole)
- B = Type
- 1 (Shoe Base)
- 2 (Transformer Base)
- 3 (Frangible Insert)
- 4 (Door Assembly)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 36 12	LIGHT POLE, FRANGIBLE BASE, F&I, TRANSFORMER BASE	EA		1/1/2013	
0715 36 14	LIGHT POLE, FRANGIBLE BASE, F&I, DOOR ASSEMBLY	EA		1/1/2013	
0715 36 42	LIGHT POLE, FRANGIBLE BASE, REMOVE, TRANSFORMER BASE	EA		1/1/2013	

715- 37- A LIGHTING MAINTENANCE/REHAB- POLE PHOTO ELECTRIC CONTROL ASSEMBLY

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

For maintenance/rehab work only; payment for photo electric controller shown on index 17504 is included with payment for load center, pay item 715-7-AB.

Includes the photo electric control, transformer, conduit and conductors as per the plans and standard indexes.

Related Items

Required

Recommended

Plan Summary Box

Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqlt: Lighting Tabulation of Quantity Sheet, or
SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter

Trns-port

Other

Normally requires SHOP DRAWINGS for Item 715- 37- 1

Standards

Index No. 17504

Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. 715- 37- A LIGHTING MAINTENANCE/REHAB- POLE PHOTO EA
ELECTRIC CONTROL ASSEMBLY

- A = Operation
- 1 (Furnish & Install)
- 3 (Install)
- 4 (Remove)
- 5 (Relocate)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 37 1	LIGHTING MAINTENANCE/REHAB- PHOTO ELECTRIC CONTROL ASSEMBLY, F&I	EA		1/1/2013	

715- 50- LIGHTING- INSIDE BOX GIRDER

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** no

Notes

Details

Intended for lighting system within box girder structures. Coordinate the use of this item with the Mechanical/Electrical Section of the State Structures Office. All work must be detailed in the plans/specifications, including a tabulation of materials. Refer to Index and Instructions for Structures Related Design Standards.

LS System: Includes all work & materials tabulated in the plans, including conduit and wiring (within the box girder), power distribution, switches, light fixtures, etc.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

tabqlt: Lighting Tabulation of Quantity Sheet, or
SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards Index No. 21240
Specifications

T: Plan Details and/or Technical Specifications required

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. 715- 50- **LIGHTING- INSIDE BOX GIRDER** **LS/LS**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715 50	LIGHTING, INSIDE BOX GIRDER	LS	T	1/1/2013	

715-500- A LIGHT POLE CABLE DISTRIBUTION SYSTEM

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details Includes the surge protector, fuse holders with fuses, waterproof connectors and waterproof wiring connection to the luminaire. Refer to Section 992 of the Specifications for details.

Related Items **Required** **Recommended**

Plan Summary Box Lighting: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabq1t: Lighting Tabulation of Quantity Sheet, or SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0400 Lighting

Struct. **715-500- A** **LIGHT POLE CABLE DISTRIBUTION SYSTEM** **EA**

A = Type
1 = (Conventional)
2 = (High Mast)
3 = (Wall Mounted)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715500 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA		1/1/2013	
0715500 2	POLE CABLE DISTRIBUTION SYSTEM, HIGH MAST	EA		1/1/2013	
0715500 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA		1/1/2013	

715-5AB-CDD		LIGHT POLE COMPLETE, SPECIAL DESIGN	
Unit	EA	Accuracy	Each
PlanQuantity?		no	
Notes			
Details	<p>Used for Specially Designed Poles, including decorative or non-standard aluminum . Requires shop drawings. Includes the pole, internal vibration damping device, bracket arm, luminaire with lamp, anchor bolts with lock nuts and washers, frangible base and foundation.</p> <p>For special foundations, select pay item based on pole type; detail foundation in the plans. For standard aluminum poles, use item 715-4-ABC.</p> <p>FURNISH (A=2): Do not furnish additional light fixtures to DOT maintenance yards using construction funds. When requested, and funded by the maintaining agency, the furnish only item may be used. Plans or specifications must detail instructions for delivery of item(s) to the maintaining agency.</p> <p>Effective 7/2010 letting: For Median Barrier Mounted Aluminum, refer to Index 17515. Do not use "Special Design" pay item for standard poles included on design standard; use pay item 715-4- for Light Pole Complete, for all standard poles.</p> <p>For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.</p>		
Related Items	Required	Recommended	
Plan Summary Box	<p>Lighting: Tabulation of Quantities Summarize items by pay item and location.</p>		
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>			
Design Forms and Documentation	<p>tabqlt: Lighting Tabulation of Quantity Sheet, or SHPoleData 1 or SHPoleData 2: Light Pole Data (Sheet 1 or Sheet 2) Locate in plans. Summarize quantities by location on summary sheet in the plans.</p>		
Construction Forms and Documentation	<p>No additional form required; use plans summary or comp book Record final quantity on the tabulation sheet (plans) or computation form (comp book).</p>		
References	<p>PPM Chapter Trns-port Other Normally requires SHOP DRAWINGS Standards Index No. 17500, 17501, 17503 (Index No. 17503 valid through July 2009)</p>		
	<p style="color: blue;">Specifications T: Plan Details and/or Technical Specifications required http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks</p>		
TRNS*PORT Category (DRAFT FIELD):		0400	Lighting
Struct.	715-5AB-CDD	LIGHT POLE COMPLETE, SPECIAL DESIGN	EA

- A = Operation
 1 (Furnish & Install)
 2 (Furnish) approvals needed; see details above
 3 (Install)
 4 (Relocate) B-CDD = 0-000
 5 (Remove) B-CDD = 0-000
 6 (Repair & Reinstall) B-CDD = 0-000
 7 (Furnish & Install With Internal Vibration Damper) *valid through 6-30-10
- B = No. Arms & Location
 1 (Single Arm Shoulder Mount)
 2 (Double Arm Shoulder Mount)
 3 (Single Arm Wall Mount) Do not used for designs shown on Index 17515.
 4 (Double Arm Wall Mount) Effective 7/2010, do NOT use for poles covered by Index 17515, Median Barrier Wall Mount.
 5 (Single Arm Bridge Mount)
 6 (Pole Top Mount)
 7 (Double Arm Bridge Mount)
 8 (Double Arm, Pole Top Mount)
- C = Material Type
 1 (Aluminum) non-standard designs
 2 (Galvanized Steel)
 3 (Concrete)
 4 (Fiberglass)
 5 (Wood)
 6 (Cast Iron)
 7 (Stainless Steel)
- DD = Mounting Height (Open In Five Foot Increments)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0715511115	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 15'	EA	T	1/1/2013	
0715511120	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 20'	EA	T	1/1/2013	
0715511125	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 25'	EA	T	1/1/2013	
0715511130	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 30'	EA	T	1/1/2013	
0715511135	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 35'	EA	T	1/1/2013	
0715511140	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 40'	EA	T	1/1/2013	
0715511145	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 45'	EA	T	1/1/2013	

0715511150	LIGHT POLE COMPLETE SPECIAL DESIGN , F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 50'	EA	T	1/1/2013
0715511230	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, GALVANIZED STEEL, 30'	EA	T	1/1/2013
0715511240	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, GALVANIZED STEEL, 40'	EA	T	1/1/2013
0715511245	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, GALVANIZED STEEL, 45'	EA	T	1/1/2013
0715511250	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, GALVANIZED STEEL, 50'	EA	T	1/1/2013
0715511315	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, CONCRETE, 15'	EA	T	1/1/2013
0715511320	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, CONCRETE, 20'	EA	T	1/1/2013
0715511330	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, CONCRETE, 30'	EA	T	1/1/2013
0715511335	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, CONCRETE, 35'	EA	T	1/1/2013
0715511340	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, CONCRETE, 40'	EA	T	1/1/2013
0715511345	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, CONCRETE, 45'	EA	T	1/1/2013
0715511350	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, CONCRETE, 50'	EA	T	1/1/2013
0715511540	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, WOOD, 40'	EA	T	1/1/2013
0715511550	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, WOOD, 50'	EA	T	1/1/2013
0715511735	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, STAINLESS STEEL, 35'	EA	T	1/1/2013
0715512115	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, ALUMINUM, 15'	EA	T	1/1/2013
0715512125	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, ALUMINUM, 25'	EA	T	1/1/2013

0715512130	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, ALUMINUM, 30'	EA	T	1/1/2013
0715512140	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, ALUMINUM, 40'	EA	T	1/1/2013
0715512145	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, ALUMINUM, 45'	EA	T	1/1/2013
0715512150	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, ALUMINUM, 50'	EA	T	1/1/2013
0715512315	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, CONCRETE, 15'	EA	T	1/1/2013
0715512320	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, CONCRETE, 20'	EA	T	1/1/2013
0715512325	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, CONCRETE, 25'	EA	T	1/1/2013
0715512330	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, CONCRETE, 30'	EA	T	1/1/2013
0715512340	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, CONCRETE, 40'	EA	T	1/1/2013
0715512940	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, CONCRETE, 40'	EA	T	1/1/2013
0715513115	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, ALUMINUM, 15'	EA	T	1/1/2013
0715513125	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, ALUMINUM, 25'	EA	T	1/1/2013
0715513130	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, ALUMINUM, 30'	EA	T	1/1/2013
0715513135	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, ALUMINUM, 35'	EA	T	1/1/2013
0715513140	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, ALUMINUM, 40'	EA	T	1/1/2013
0715513145	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, ALUMINUM, 45'	EA	T	1/1/2013
0715513150	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, ALUMINUM, 50'	EA	T	1/1/2013

0715513215	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, GALVANIZED STEEL, 15'	EA	T	1/1/2013
0715513240	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, GALVANIZED STEEL, 40'	EA	T	1/1/2013
0715513245	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, GALVANIZED STEEL, 45'	EA	T	1/1/2013
0715513250	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, GALVANIZED STEEL, 50'	EA	T	1/1/2013
0715514115	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM WALL MOUNT, ALUMINUM, 15'	EA	T	1/1/2013
0715514120	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM WALL MOUNT, ALUMINUM, 20'	EA	T	1/1/2013
0715514125	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM WALL MOUNT, ALUMINUM, 25'	EA	T	1/1/2013
0715514130	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM WALL MOUNT, ALUMINUM, 30'	EA	T	1/1/2013
0715514135	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM WALL MOUNT, ALUMINUM, 35'	EA	T	1/1/2013
0715514140	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM WALL MOUNT, ALUMINUM, 40'	EA	T	1/1/2013
0715514145	LIGHT POLE COMP- SPECIAL DESIGN, F&I, DOUBLE ARM WALL MOUNT, ALUMINUM, 45'	EA	T	1/1/2013
0715514150	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM WALL MOUNT, ALUMINUM, 50'	EA	T	1/1/2013
0715515115	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT- ALUMINUM, 15'	EA	T	1/1/2013
0715515125	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT- ALUMINUM, 25'	EA	T	1/1/2013
0715515130	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SIGLE ARM BRIDGE MOUNT- ALUMINUM, 30'	EA	T	1/1/2013
0715515135	LIGHT POLE COMPLETE- SEPCIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT- ALUMINUM, 35'	EA	T	1/1/2013
0715515140	LIGHT POLE COMPLETE- SEPCIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT, NON-STD ALUMINUM, 40'	EA	T	1/1/2013

0715515145	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT-ALUMINUM, 45'	EA	T	1/1/2013
0715515150	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT-ALUMINUM, 50'	EA	T	1/1/2013
0715515225	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT-GALVANIZED STEEL, 25'	EA	T	1/1/2013
0715515230	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT-GALVANIZED STEEL, 30'	EA	T	1/1/2013
0715515235	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT-GALVANIZED STEEL, 35'	EA	T	1/1/2013
0715515240	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT-GALVANIZED STEEL, 40'	EA	T	1/1/2013
0715515245	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT-GALVANIZED STEEL, 45'	EA	T	1/1/2013
0715515250	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT-GALVANIZED STEEL, 50'	EA	T	1/1/2013
0715516115	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 15'	EA	T	1/1/2013
0715516120	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 20'	EA	T	1/1/2013
0715516125	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, POLE TOP MOUNT-ALUMINUM, 25'	EA	T	1/1/2013
0715516130	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, POLE TOP MOUNT-ALUMINUM, 30'	EA	T	1/1/2013
0715516135	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, POLE TOP MOUNT-ALUMINUM, 35'	EA	T	1/1/2013
0715516140	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, POLE TOP MNT-ALUMINUM, 40'	EA	T	1/1/2013
0715516145	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 45'	EA	T	1/1/2013
0715516150	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 50'	EA	T	1/1/2013
0715516210	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, POLE TOP MNT-GALVANIZED STEEL, 10'	EA	T	1/1/2013
0715516320	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, POLE TOP MOUNT, CONCRETE, 20'	EA	T	1/1/2013
0715516330	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, POLE TOP MNT-CONCRETE, 30'	EA	T	1/1/2013
0715516615	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT,CAST IRON, 15'	EA	T	1/1/2013

0715517110	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM BRIDGE MOUNT, ALUMINUM, 10'	EA	T	1/1/2013	
0715517125	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM BRIDGE MOUNT, ALUMINUM, 25'	EA	T	1/1/2013	
0715517135	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM BRIDGE MOUNT, ALUMINUM, 35'	EA	T	1/1/2013	
0715517140	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM BRIDGE MOUNT, ALUMINUM, 40'	EA	T	1/1/2013	
0715517145	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM BRIDGE MOUNT, ALUMINUM, 45'	EA	T	1/1/2013	
0715517150	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM BRIDGE MOUNT, ALUMINUM, 50'	EA	T	1/1/2013	
0715518120	LIGHT POLE COMP- SPECIAL DESIGN, F&I, DOUBLE ARM, POLE TOP MOUNT, ALUMINUM, 20'	EA	T	1/1/2013	
0715518130	LIGHT POLE COMP- SPECIAL DESIGN, F&I, DOUBLE ARM, POLE TOP MOUNT, ALUMINUM, 30'	EA	T	1/1/2013	
0715518140	LIGHT POLE COMP- SPECIAL DESIGN, F&I, DOUBLE ARM, POLE TOP MOUNT, ALUMINUM, 40'	EA	T	1/1/2013	
0715518145	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM, POLE TOP MOUNT, ALUMINUM, 45'	EA	T	1/1/2013	
0715518150	LIGHT POLE COMP- SPECIAL DESIGN, F&I, DOUBLE ARM, POLE TOP MOUNT, ALUMINUM, 50'	EA	T	1/1/2013	
0715518315	LIGHT POLE COMPLETE-SPECIAL DESIGN, FURNISH & INSTALL DOUBLE ARM POLE TOP MOUNT, CONCRETE, 15'	EA	T	1/1/2013	
0715521135	LIGHT POLE COMPLETE- SPECIAL DESIGN, FURNISH, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 35'	EA	T	1/1/2013	
0715521330	LIGHT POLE COMPLETE- SPECIAL DESIGN,FURNISH, SINGLE ARM SHOULDER MOUNT, CONCRETE, 30'	EA	T	4/1/2015	4/30/2015
0715522315	LIGHT POLE COMPLETE- SPECIAL DESIGN,FURNISH, DOUBLE ARM SHOULDER MOUNT, CONCRETE, 15'	EA	T	4/1/2015	4/30/2015
0715522330	LIGHT POLE COMPLETE- SPECIAL DESIGN,FURNISH, DOUBLE ARM SHOULDER MOUNT, CONCRETE, 30'	EA	T	4/1/2015	4/30/2015
0715536115	LIGHT POLE COMPLETE-SPECIAL DESIGN, INSTALL POLE TOP MOUNT, ALUMINUM,NON-STANDARD DESIGNS, 15'	EA	T	1/1/2013	

0715536215	LIGHT POLE COMPLETE-SPECIAL DESIGN, INSTALL POLE TOP MOUNT, GALVANIZED STEEL, 15'	EA	T	1/1/2013
0715540000	LIGHT POLE COMPLETE- SPECIAL DESIGN, RELOCATE	EA	T	1/1/2013
0715550000	LIGHT POLE COMPLETE- SPECIAL DESIGN, REMOVE	EA	T	1/1/2013
0715560000	LIGHT POLE COMPLETE- SPECIAL DESIGN, REPAIR & REINSTALL	EA	T	1/1/2013

**715-Maint LIGHTING- MAINTENANCE
Maintenance Contracts Only**

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** ?

Notes **Maintenance Item: Not Valid for Construction Contracts**

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

Related Items **Required** **Recommended**

Plan Summary Box Maintenance Item- No Form Required
NA

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **715-Maint** **LIGHTING- MAINTENANCE** **Mixed**
Maintenance Contracts Only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
E715 15100	HIGH MAST PARTS (F&I) (IMPOTTED BALLAST ASSEMBLY)	EA		1/1/2013	
E715 15110	HIGH MAST PARTS (F&I)(LOWERING CABLE)	EA		1/1/2013	
E715 15111	HIGH MAST PARTS (F&I)(LOWERING CABLE- TRANSITION ASSEMBLY)	EA		1/1/2013	
E715 15120	HIGH MAST PARTS (F&I)(POWER CABLE)	EA		1/1/2013	
E715 15140	HIGH MAST PARTS (F&I)(LUMINAIRE SUPP. RING)	EA		1/1/2013	
E715 15160	HIGH MAST PARTS (F&I)(COMPLETE LOWERING ASSEMBLY)	EA		1/1/2013	
E715 15180	HIGH MAST PARTS (F&I) (BALLAST ASSEMBLY)	EA		1/1/2013	

E715 15184	HIGH MAST PARTS (F&I) (BALLAST ASSEMBLY)(120')	EA	1/1/2013
E715 15610	HIGH MAST PARTS (REPAIR) (LOWERING CABLE)	EA	1/1/2013
E715 15630	HIGH MAST PARTS (REPAIR) (WINCH)	EA	1/1/2013
E715 15640	HIGH MAST PARTS (REPAIR) (LUMINAIRE SUPPORT RING)	EA	1/1/2013
E715 16 1	BALLAST (F&I)	EA	1/1/2013
E715 16 2	BALLAST ASSEMBLY (F&I)	AS	1/1/2013
E715 17 1	LAMP (HPS)	EA	1/1/2013
E715 17 2	LAMP (MERCURY VAPOR)	EA	1/1/2013
E715 17 3	LAMP (METAL HALIDE)	EA	1/1/2013
E715 17 4	LAMP (FLUORESCENT)	EA	1/1/2013
E715 17 5	LAMP (LPS)	EA	1/1/2013
E715 17 7	LAMP (HPS HIGH MAST)	EA	1/1/2013
E715 17 8	LAMP (HPS, LOW WATTAGE)	EA	1/1/2013
E715 18101	LOAD CENTER PART (F&I) (SGL POLE BREAKER)	EA	1/1/2013
E715 18102	LOAD CENTER PART (F&I) (DBL POLE BREAKER)	EA	1/1/2013
E715 18104	LOAD CENTER PART (F&I)(BREAKER PANEL & ENCLOSURE)	EA	1/1/2013
E715 18105	LOAD CENTER PART (F&I) (CONTACTOR)	EA	1/1/2013
E715 18106	LOAD CENTER PART (F&I)(PHOTOCELL CONTR TRANSFORM)	EA	1/1/2013
E715 18107	LOAD CENTER PART (F&I) (PHOTOCELL)	EA	1/1/2013
E715 18108	LOAD CENTER PART (F&I) (PHOTOCELL SOCKET)	EA	1/1/2013
E715 18109	LOAD CENTER PART (F&I) (POWER SAFETY SWITCH)	EA	1/1/2013
E715 18110	LOAD CENTER PART (F&I)(SYSTEM SWITCH AUTO-OFF/ON)	EA	1/1/2013
E715 18111	LOAD CENTER PART (F&I) (LIGHTNING ARRESTOR)	EA	1/1/2013
E715 18112	LOAD CENTER PART (F&I) (CIRCUIT FUSE)	EA	1/1/2013
E715 18113	LOAD CENTER PART (F&I) (MAIN FUSE)	EA	1/1/2013
E715 18114	LOAD CENTER PART (F&I) (DUMMY SLUG)	EA	1/1/2013
E715 18115	LOAD CENTER PART(SFTY DIS SWTCH BOX,600V)(F&I)	EA	1/1/2013
E715 18116	LOAD CENTER PART (F&I) (COVER PLATE)	EA	1/1/2013
E715 19 98	LIGHTING - CABLE REMOVAL DETERRENT SYSTEM INSTALL ONLY	EA	1/1/2013
E715 19 99	LIGHTING - CABLE REMOVAL DETERRENT SYSTEM	EA	1/1/2013
E715 22 1	GROUND ROD	EA	1/1/2013

E715 23 1	REFRACTER (F&I) (STANDARD COBRA HEAD)	EA	1/1/2013
E715 23 11	REFRACTOR (INSTALL) (STD. COBRA HEAD)	EA	1/1/2013
E715 24 1	FUSE (F&I) (POLE BASE)	EA	1/1/2013
E715 24 2	FUSE (F&I) (SIGN)	EA	1/1/2013
E715 24 4	DUMMY SLUG (F&I) (POLE BASE)	EA	1/1/2013
E715 25 1	FUSE HOLDER (F&I) (POLE BASE)	EA	1/1/2013
E715 25 2	FUSE HOLDER / DISCONNECT PLUG (F&I)	EA	1/1/2013
E715 25 41	FUSE HOLDER POLE BASE INSTALL ONLY	EA	1/1/2013
E715 26 3	QUICK DISCONNECT BREAKER (HIGH MAST POLE BASE)	EA	1/1/2013
E715 26 4	QUICK DISCONNECT PLUG (MODULAR POLE BASE)	EA	1/1/2013
E715 26 13	SWITCH BOX (INSTALL) (FOR SIGN STRUCTURE)	EA	1/1/2013
E715 27	EMERGENCY WORK	LO	1/1/2013
E715 28 1	SYSTEM MAPPING REIDENTIFYCOMPLETE SYSTEM	LS	1/1/2013
E715 28 2	SYSTEM MAPPING (LOAD CENTER)	LO	1/1/2013
E715 29	SYSTEM PATROLLING	MO	1/1/2013
E715 30 2	GROUP RELAMPING LUMINAIRE(HIGH PRESSURE SODIUM)	EA	1/1/2013
E715 31 1	ROUTINE LIGHTING MAINT (SHOULDER SINGLE ARM)	LO	1/1/2013
E715 31 2	ROUTINE LIGHTING MAINT (SHOULDER DOUBLE ARM)	LO	1/1/2013
E715 31 4	ROUTINE LIGHTING MAINT (MEDIAN DBL ARM WALL MTD)	LO	1/1/2013
E715 31 5	ROUTINE LIGHTING MAINT (BRIDGE MOUNT)	LO	1/1/2013
E715 31 6	ROUTINE LIGHTING MAINT (UNDERDECK)	LO	1/1/2013
E715 31 7	ROUTINE LIGHTING MAINT (LOAD CENTER)	LO	1/1/2013
E715 31 8	ROUTINE LIGHTING MAINT (HIGH MAST POLE)	LO	1/1/2013
E715 31 9	ROUTINE LIGHTING MAINT (OVERHEAD SIGN ASSEMBLY)	LO	1/1/2013
E715 31 10	ROUTINE LIGHTING MAINT (BRIDGE SPECIAL)	LO	1/1/2013
E715 32 1	DIAGNOSTIC WORK (SHOULDER SINGLE ARM)	LO	1/1/2013
E715 32 2	DIAGNOSTIC WORK (SHOLDER DOUBLE ARM)	LO	1/1/2013
E715 32 3	DIAGNOSTIC WORK (MED SGL ARM WALL MTD)	LO	1/1/2013
E715 32 4	DIAGNOSTIC WORK (MED DBL ARM WALL MTD)	LO	1/1/2013

E715 32 5	DIAGNOSTIC WORK (BRIDGE MTD)	LO	1/1/2013
E715 32 6	DIAGNOSTIC WORK (UNDERDECK)	LO	1/1/2013
E715 32 7	DIAGNOSTIC WORK (LOAD CENTER)	LO	1/1/2013
E715 32 8	DIAGNOSTIC WORK(HIGH MAST) (W/LOWERING DEVICE)	LO	1/1/2013
E715 32 9	DIAGNOSTIC WORK(OVERHEAD)(SIGN ASSEMBLY)	LO	1/1/2013
E715 32 10	DIAGNOSTIC WORK (CIRCUIT)	LO	1/1/2013
E715 32 11	DIAGNOSTIC WORK (HIGH MAST, GROUND)	LO	1/1/2013
E715 32 12	DIAGNOSTIC WORK (HIGH MAST, AERIAL)	LO	1/1/2013
E715 32 13	DIAGNOSTIC WORK (TOP MOUNT)	LO	1/1/2013
E715 32 15	DIAGNOSTIC WORK (BRIDGE SPECIAL)	LO	1/1/2013
E715 33 1	PRE-EVENT LOWER/SECURE OF HIGH MAST LIGHT	EA	1/1/2013
E715 33 2	POST EVENT DIAGNOSTIC AND RAISING OF HIGH MAST LIGHT	EA	1/1/2013
E715 34 03	LIGHT POLE (HANDHOLE) (DOOR ASSEMBLY) (F&I)	EA	1/1/2013
E715 43 1	ARRESTOR (HIGH VOLTAGE PRIMARY LIGHTING)	EA	1/1/2013
E715 50220	LIGHTING TRANSFORMER (F&I)(PAD MOUNT)	EA	1/1/2013
E715 99	HIGHWAY LIGHTING SYSTEM MAINTENANCE (PERFORMANCE)	LS	1/1/2013
E715561101	LIGHT POLE-LEVELING (ALUM/STEEL, CONCRETE FOUNDATION)	EA	1/1/2013
E715561102	LIGHT POLE-LEVELING (CONCRETE DIRECT BURIED)	EA	1/1/2013

730- 83- AB IRRIGATION WELL

Unit PW; EA; LF; M1 **Accuracy** Per Well; Each; Linear Foot; 1/10 Meter **PlanQuantity?** no

Notes

May be opened upon request- refer to 590 for irrigation applications.

Details

Irrigation well for roadway, architectural, or landscaping applications. Designer should determine if permits are required by local and/or state agencies. For drainage deep wells, see 444- pay items and index 288.

When used for landscape applications, load pay item in landscape category. For Roadway applications, load item in roadway category.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Final Measure:

For Per Each/Well Items: Final tabulation of quantities must be recorded on proper form in computation book by location.

For Length Measurements: Record final measurements on proper form in computation book or field book. When measurements have been recorded in the field book, transfer final quantities to computation book.

Related Items

Required

Recommended

Plan Summary Box

Landscape: Tabulation of Quantities

Summarize items by pay item and location. Note all incidental items to be included with small/large plant pay items.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

See Details Above

Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

**PPM Chapter
Trns-port
Other
Standards
Specifications**

T: Plan Details and/or Technical Specifications required

<http://www.dot.state.fl.us/specificationoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 or other

Roadway or other- see details

Struct. 730- 83- AB

IRRIGATION WELL

PW; EA; LF;

A= Depth
blank (up to 250') per well
1 (250' and greater) per LF

A =
4 (4" Casing)
6 (6" Casing)

Notes

.....
The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

730- 88- PUMPING SYSTEM- IRRIGATION WELL

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes **May be opened upon request- refer to 590 for irrigation applications.**

Details Irrigation well for roadway, architectural, or landscaping applications. Designer should determine if permits are required by local and/or state agencies. For drainage deep wells, see 444- pay items and index 288.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items **Required** **Recommended**

Plan Summary Landscape: Tabulation of Quantities

Box Summarize items by pay item and location. Note all incidental items to be included with small/large plant pay items.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation

Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation No additional form required; use plans summary or comp book

Record final quantity on the computation book form.

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

*TRNS*PORT Category (DRAFT FIELD):* 0200 or other Roadway or other- see details

Struct. **730- 88-** **PUMPING SYSTEM- IRRIGATION WELL** **EA**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

735- 74- AA TOLL PLAZA

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** yes

Notes

Details

Tabulation summary required on all projects. See 735-88-AA for modifications to existing toll plazas.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References

PPM Chapter
Trns-port
Other
Standards
Specifications

Normally requires SHOP DRAWINGS

T: Plan Details and/or Technical Specifications required

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0800 Architectural

Struct. 735- 74- AA TOLL PLAZA LS/LS

- AA =
- blank (single location)
- 1 (Location 1)
- 2 (Location 2)
- 3 (Location 3)
- 4 (Location 4)
- 5 (Location 5)
- 6 (Location 6)
- 7 (Location 7)
- 8 (Location 8)
- 9 (Location 9)
- 10 (Location 10)
- 11 (Location 11)
- 12 (Location 12)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0735 74	TOLL PLAZA, SINGLE LOCATION	LS	T	1/1/2013	
0735 74 1	TOLL PLAZA, LOCATION 1	LS	T	1/1/2013	
0735 74 2	TOLL PLAZA, LOCATION 2	LS	T	1/1/2013	
0735 74 3	TOLL PLAZA, LOCATION 3	LS	T	1/1/2013	
0735 74 4	TOLL PLAZA, LOCATION 4	LS	T	1/1/2013	
0735 74 5	TOLL PLAZA, LOCATION 5	LS	T	1/1/2013	
0735 74 6	TOLL PLAZA, LOCATION 6	LS	T	1/1/2013	
0735 74 7	TOLL PLAZA, LOCATION 7	LS	T	1/1/2013	
0735 74 8	TOLL PLAZA, LOCATION 8	LS	T	1/1/2013	
0735 74 9	TOLL PLAZA, LOCATION 9	LS	T	1/1/2013	
0735 74 10	TOLL PLAZA, LOCATION 10	LS	T	1/1/2013	
0735 74 11	TOLL PLAZA, LOCATION 11	LS	T	1/1/2013	
0735 74 12	TOLL PLAZA, LOCATION 12	LS	T	1/1/2013	
0735 74 13	TOLL PLAZA, LOCATION 13	LS	T	1/1/2013	
0735 74 14	TOLL PLAZA, LOCATION 14	LS	T	1/1/2013	

735- 79- SERVICE PLAZA- SEWAGE AND WATER MODIFICATIONS

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** no

Notes

Details

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required **Recommended**

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. **735- 79-** **SERVICE PLAZA- SEWAGE AND WATER MODIFICATIONS** **LS/LS**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0735 79	SERVICE PLAZA- SEWAGE AND WATER MODIFICATIONS	LS	T	1/1/2013	

735- 80- SERVICE PLAZA RENOVATION

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** yes

Notes

Details

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References

PPM Chapter
Trns-port
Other Normally requires SHOP DRAWINGS
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. 735- 80- SERVICE PLAZA RENOVATION LS/LS

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

735- 81- SERVICE/TOLL PLAZA- UNDERGROUND STRUCTURE

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Valid for Turnpike/Service Plaza use only.
Detail the size, depth, and any material requirements in the plans or specifications. If structure is to be similar to drainage structure, consider reference to Section 425 of the specifications.
For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the computation book form.

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. 735- 81- SERVICE/TOLL PLAZA- UNDERGROUND STRUCTURE EA

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

735- 82- A TOLL PLAZA CANOPY

Unit SF; M2 **Accuracy** Square Foot; 1/10 Square Meter **PlanQuantity?** yes

Notes

Details For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-01: Area Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References **PPM Chapter**
Trns-port
Other Normally requires SHOP DRAWINGS
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. **735- 82- A** **TOLL PLAZA CANOPY** **SF**

- A =
- 1 (Concrete)
- 2 (Aluminum)
- 3 (Steel)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

735- 84- A TOLL PLAZA ISLAND

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the computation book form.

References

PPM Chapter
Trns-port
Other
Standards
Specifications

Normally requires SHOP DRAWINGS

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. 735- 84- A TOLL PLAZA ISLAND EA

- A =
- 1 (New)
- 2 (Modify)
- 3 (Remove)
- 4 (New With Stairwell)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0735 84 3	TOLL PLAZA ISLAND, REMOVE	EA	T	1/1/2013	

735- 88- AA TOLL PLAZA MODIFY EXISTING

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** yes

Notes

Details

For use on Turnpike and other toll roads. Tabulation summary required on all projects. For NEW plaza construction, see item 735-74-AA.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required **Recommended**

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References

PPM Chapter
Trns-port
Other Normally requires SHOP DRAWINGS
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. **735- 88- AA** **TOLL PLAZA MODIFY EXISTING** **LS/LS**

- AA =
- blank (single location)
- 1 (Location 1)
- 2 (Location 2)
- 3 (Location 3)
- 4 (Location 4)
- 5 (Location 5)
- 6 (Location 6)
- 7 (Location 7)
- 8 (Location 8)
- 9 (Location 9)
- 10 (Location 10)
- 11 (Location 11)
- 12 (Location 12)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0735 88	TOLL PLAZA MODIFY EXISTING	LS	T	1/1/2013	
0735 88 1	TOLL PLAZA MODIFY EXISTING, LOCATION 1	LS	T	1/1/2013	
0735 88 2	TOLL PLAZA MODIFY EXISTING, LOCATION 2	LS	T	1/1/2013	

735- 89- REST AREA/SERVICE PLAZA- AUTOMATIC WINDSHIELD WASHER

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the computation book form.

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. **735- 89-** **REST AREA/SERVICE PLAZA- AUTOMATIC WINDSHIELD WASHER** **EA**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

**735-Maint TOLL PLAZA
Maintenance Contracts Only**

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** ?

Notes **Maintenance Item: Not Valid for Construction Contracts**

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

Related Items **Required** **Recommended**

Plan Summary Box Maintenance Item- No Form Required
NA

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **735-Maint** **TOLL PLAZA** **Mixed**
Maintenance Contracts Only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
E735 74 11	TOLL PLAZA (CLEAN) (DEBRIS, LITTER, SAND/GRAVEL)	SF		1/1/2013	
E735 74 22	TOLL PLAZA (PRESSURE CLEAN) (TRAFFIC LANE)	SF		1/1/2013	
E735 74 23	TOLL PLAZA (PRESSURE CLEAN) (CANOPY)	SF		1/1/2013	
E735 74 24	TOLL PLAZA (PRESSURE CLEAN) (TRAF LANE) (REMOVE TAR/ASPHALT)	SF		1/1/2013	
E735 74 25	TOLL PLAZA (PRESSURE CLEAN) (BUILDING, SIDEWALK, PAD, PATIO)	SF		1/1/2013	
E735 74 26	TOLL PLAZA (PRESSURE CLEAN) (CONCRETE APRON)	SF		1/1/2013	

**737-Maint UTILITY LOCATE- DOT OWNED UTILITIES
Maintenance Contracts Only**

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** ?

Notes **Maintenance Item: Not Valid for Construction Contracts**

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

Related Items **Required** **Recommended**

Plan Summary Box Maintenance Item- No Form Required
NA

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **737-Maint** **UTILITY LOCATE- DOT OWNED UTILITIES** **Mixed**
Maintenance Contracts Only

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
E737 70 11	UTILITY LOCATE-DOT OWNED, UNDERGROUND	EA		1/1/2013	

741- 1- AB TRAFFIC MONITORING SITE VEHICLE SENSOR- NON-WEIGHT APPLICATIONS

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes **Valid through 12-31-2015; replaced by 695 items for Traffic Monitoring Site.**

Details Valid for use with Traffic Monitoring Systems only. Refer to the specification for additional details.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards Index No. 17900
Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD):

Struct. 741- 1- AB TRAFFIC MONITORING SITE VEHICLE SENSOR- NON- EA WEIGHT APPLICATIONS

A = Operation
1 (Furnish & Install)
3 (Install)
6 (Remove) effective January 2015
B= Vehicle Sensor Type
1 (Type I – Axle Sensor, In-Road)
2 (Type II – Wireless, Off-Road)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0741 1 11	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL, TYPE 1 AXLE SENSOR- IN ROAD	EA		1/1/2013	12/31/2015
0741 1 12	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL, TYPE II- WIRELESS, OFF ROAD	EA		1/1/2013	6/30/2015

742- 1- A TRAFFIC MONITORING SITE, WEIGH-IN-MOTION ELECTRONICS UNIT

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes **Valid through 12-31-2015; replaced by 695 items for Traffic Monitoring Site.**

Details Valid for use with Traffic Monitoring Systems only.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards Index No. 17900
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0200 or other Roadway or other- see details

Struct. **742- 1- A** **TRAFFIC MONITORING SITE, WEIGH-IN-MOTION ELECTRONICS UNIT** **EA**

A = Operation
1 (Furnish & Install)
3 (Install)
4 (Remove)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0742 1 1	TMS WEIGH- IN- MOTION, ELECTRONICS UNIT,F&I	EA	T	1/1/2013	6/30/2015

742- 2- AB TRAFFIC MONITORING SITE, WEIGH-IN-MOTION ELECTRONICS SENSORS

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes **Valid through 12-31-2015; replaced by 695 items for Traffic Monitoring Site.**

Details Valid for use with Traffic Monitoring Systems only.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards Index No. 17900
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0200 or other Roadway or other- see details

Struct. **742- 2- AB** **TRAFFIC MONITORING SITE, WEIGH-IN-MOTION ELECTRONICS SENSORS** **EA**

- A = Operation
- 1 (Furnish & Install)
- 3 (Install)
- 4 (Remove)
- 6 (Remove)
- B = Weight Sensor Type
- 1 (Bending Plate)
- 2 (Piezoelectric/ Quartz Piezoelectric)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0742 2 11	TMS WEIGH- IN- MOTION, ELECTRONICS SENSORS,F&I BENDING PLATE	EA	T	1/1/2013	6/30/2015
0742 2 12	TMS WEIGH- IN- MOTION, ELECTRONICS SENSORS,F&I PIZOELECTRIC/QUARTZ PEIZOELECTRIC	EA	T	1/1/2013	6/30/2015

743- 70- AB TRAFFIC MONITORING SITE, VEHICLE SPEED/CLASSIFICATION UNIT

Unit AS **Accuracy** Assembly **PlanQuantity?** no

Notes **Valid through 12-31-2015; replaced by 695 items for Traffic Monitoring Site.**

Details Refer to Specifications for use and application.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
 Trns-port
 Other
 Standards Index No. 17900
 Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 743- 70- AB TRAFFIC MONITORING SITE, VEHICLE SPEED/CLASSIFICATION UNIT AS

- A = Operation
- 1 (Furnish & Install)
- 3 (Install)
- 4 (Modify)
- 6 (Remove) effective January 2015; B=0
- B = Assembly Component
- 1 (Electronics Unit With Equipment Cable)
- 2 (Electronics Unit Only)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0743 70 11	TMS VEHICLE SPEED/CLASS. UNIT, F&I, ELECTRONICS UNIT WITH EQUIPMENT CABLE	AS		1/1/2013	12/31/2015

744- 70- AB TRAFFIC MONITORING SITE, SOLAR POWER UNIT

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes **Valid through 12-31-2015; replaced by 695 items for Traffic Monitoring Site.**

Details Refer to Specifications for use and application.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the computation book form.

References **PPM Chapter**
Trns-port
Other
Standards Index No. 17900
Specifications

<http://www.dot.state.fl.us/specificationoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 744- 70- AB TRAFFIC MONITORING SITE, SOLAR POWER UNIT EA

- A = Operation
- 1 (Furnish & Install)
- 3 (Install)
- 4 (Relocate)
- 6 (Remove) effective January 2015; B=0
- B = Mounting
- 1 (New Pole)
- 2 (Existing Pole)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0744 70 11	TMS SOLAR POWER UNIT, F&I, NEW POLE	EA		1/1/2013	12/31/2015
0744 70 12	TMS SOLAR POWER UNIT, F&I, EXISTING POLE	EA		1/1/2013	12/31/2015
0744 70 42	TMS SOLAR POWER UNIT, RELOCATE, EXISTING POLE	EA	T	1/1/2013	6/30/2015

745- 70- AB TRAFFIC MONITORING SITE, INDUCTIVE LOOP ASSEMBLY

Unit AS **Accuracy** Assembly **PlanQuantity?** no

Notes **Valid through 12-31-2015; replaced by 695 items for Traffic Monitoring Site.**

Details Refer to Specifications for use and application.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the computation book form.

References **PPM Chapter**
Trns-port
Other
Standards Index No. 17900
Specifications

<http://www.dot.state.fl.us/specificationoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **745- 70- AB** **TRAFFIC MONITORING SITE, INDUCTIVE LOOP ASSEMBLY** **AS**

A = Operation
1 (Furnish & Install)
3 (Install)
B = Number Of Loops Per Lane
1 (One)
2 (Two)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0745 70 11	TMS INDUCTIVE LOOP ASSEMBLY, F&I, 1 LOOP / LANE	AS		1/1/2013	6/30/2015
0745 70 12	TMS INDUCTIVE LOOP ASSEM, F&I, 2 LOOPS / LANE	AS		1/1/2013	12/31/2015

746- 7A-BCD TRAFFIC MONITORING SITE, CABINET

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes **Valid through 12-31-2015; replaced by 695 items for Traffic Monitoring Site.**

Details Refer to Specifications for use and application.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the computation book form.

References **PPM Chapter**
Trns-port
Other
Standards Index No. 17900
Specifications

T: Plan Details and/or Technical Specifications required

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **746- 7A-BCD** **TRAFFIC MONITORING SITE, CABINET** **EA**

- A = Operation
- 1 (Furnish & Install)
- 3 (Install) BCD=blank
- 4 (Modify) BCD=blank
- 5 (Relocate) BCD=blank
- 6 (Remove) effective January 2015; BCD=blank
- B = Size
- 1 (Type III)
- 2 (Type IV)
- 3 (Type V)
- C = Mounting
- 1 (Base)
- 2 (Pole)
- 3 (Pedestal)
- D = Backplane
- 1 (One)

2 (Two)
3 (None)

Notes Existing Specs apply for A=1-3; Plan Detail and/or Tech Spec Required for A=4 or 5

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0746 71111	TMS CABINET, F&I, TYPE III, BASE MOUNT, 1 BACKPLANE	EA		1/1/2013	12/31/2015
0746 71112	TMS CABINET, F&I, TYPE III, BASE MOUNT, 2 BACKPLANE	EA		1/1/2013	12/31/2015
0746 71121	TRAFFIC MONITORING SYSTEM CABINET, F&I, TYPE III, POLE MOUNT, 1 BACKPLANE	EA		1/1/2013	6/30/2015
0746 71122	TRAFFIC MONITORING SYSTEM CABINET, F&I, TYPE III, POLE MOUNT, 2 BACKPLANE	EA		1/1/2013	6/30/2015
0746 71131	TMS CABINET, F&I, TYPE III, PEDESTAL MNT, 1 BACKPLANE	EA		1/1/2013	12/31/2015
0746 71132	TMS CABINET, F&I, TYPE III, PEDESTAL MNT, 2 BACKPLANE	EA		1/1/2013	12/31/2015
0746 71133	TMS CABINET, F&I, TYPE V, PEDESTAL MOUNT, NONE	EA		1/1/2013	6/30/2015
0746 71211	TMS CABINET, F&I, TYPE IV, BASE MOUNT, 1 BACKPLANE	EA		1/1/2013	6/30/2015
0746 71212	TMS CABINET, F&I, TYPE IV, BASE MNT, 2 BACKPLANE	EA		1/1/2013	12/31/2015
0746 71221	TRAFFIC MONITORING SYSTEM CABINET, F&I, TYPE IV, POLE MOUNT, 1 BACKPLANE	EA		1/1/2013	12/31/2015
0746 71222	TMS CABINET, F&I, TYPE IV, POLE MOUNT, 2 BACKPLANE	EA		1/1/2013	6/30/2015
0746 71311	TMS CABINET, F&I, TYPE V, BASE MOUNT, 1 BACKPLANE	EA		1/1/2013	6/30/2015
0746 71312	TMS CABINET, F&I, TYPE V, BASE MOUNT, 2 BACKPLANE	EA		1/1/2013	6/30/2015
0746 73	TMS CABINET, INSTALL	EA	T	1/1/2013	6/30/2015
0746 74	TMS CABINET, MODIFY	EA	D	1/1/2013	12/31/2015
0746 75	TMS CABINET, RELOCATE	EA	D	1/1/2013	6/30/2015
0746 76	TMS CABINET, REMOVE	EA	D	1/1/2013	12/31/2015

747- 70- AB TRAFFIC MONITORING SITE, MODEM

Unit AS **Accuracy** Assembly **PlanQuantity?** no

Notes **Valid through 12-31-2015; replaced by 695 items for Traffic Monitoring Site.**

Details Refer to Specifications for use and application.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the computation book form.

References **PPM Chapter**
Trns-port
Other
Standards Index No. 17900
Specifications

<http://www.dot.state.fl.us/specificationoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 747- 70- AB TRAFFIC MONITORING SITE, MODEM AS

A = Operation
1 (Furnish & Install)
3 (Install)
4 (Modify)
B = Item
1 (Modem)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0747 70 11	TRAFFIC MONITORING SITE MODEM, F&I	EA		1/1/2013	12/31/2015
0747 70 31	TMS MODEM, INSTALL	EA		1/1/2013	6/30/2015

750- 1- AB ARCHITECTURAL- BUILDING

Unit LS/SF; LS/M2 **Accuracy** Lump Sum (Square Foot); Lump Sum (Square Meter) **PlanQuantity?** no

Notes

Details

For all new/major rehab Architectural work. Includes all work (building, plumbing, electrical, water, HVAC, etc.) for a complete building. Tech Specs must detail all items, construction, and materials.

For limited incidental work, see 751 items.

Do not use for movable bridge structures; see 508 items and/or contact Movable Bridge Section. Do not use for Signing, Lighting, ITS, or Signalization.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet

Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter

Trns-port

Other

Standards

Specifications

T: Plan Details and/or Technical Specifications required

TRNS*PORT Category (DRAFT FIELD): 0800

Architectural

Struct. 750- 1- AB ARCHITECTURAL- BUILDING LS/SF

A= Operation

1 (New)

5 (Rehab)

6 (Remove)

B= Facility

1 (Rest Area)

2 (Welcome Center)

3 (Weigh Station)

4 (Maintenance Facility Building)

5 (Office)

6 (Parking Garage)

- 7 (Storage/Mechanical)
- 8 (Uncovered Storage)
- 9 (Other building)*
- *Contact Architectural Section for approval

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0750 1 11	ARCHITECTURAL, BUILDING, NEW, REST AREA	LS	T	1/1/2013	
0750 1 13	ARCHITECTURAL, BUILDING, NEW, WEIGH STATION	LS	T	1/1/2013	
0750 1 17	ARCHITECTURAL, BUILDING, NEW, STORAGE/MECHANICAL	LS	T	1/1/2013	
0750 1 18	ARCHITECTURAL, BUILDING, NEW, UNCOVERED STORAGE	LS	T	1/1/2013	
0750 1 19	ARCHITECTURAL, BUILDING, NEW, OTHER BUILDING	LS	T	1/1/2013	
0750 1 51	ARCHITECTURAL, BUILDING, REHAB, REST AREA	LS	T	1/1/2013	
0750 1 53	ARCHITECTURAL, BUILDING, REHAB, WEIGH STATION	LS	T	1/1/2013	
0750 1 55	ARCHITECTURAL, BUILDING, REHAB, OFFICE	LS	T	1/1/2013	
0750 1 59	ARCHITECTURAL, BUILDING, REHAB, OTHER BUILDING	LS	T	1/1/2013	

751- 2- ARCHITECTURAL- ELECTRICAL/POWER

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** no

Notes

Details

For use on Architectural projects only. Not to be used with 750-1 (New/Rehab building) item.
Includes all work, hardware (lighting fixtures, generator, etc.), and materials for a complete electrical system, as detailed in the plans and/or tech specs.
Do not use for Signing, Lighting, ITS, or Signalization.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. 751- 2- **ARCHITECTURAL- ELECTRICAL/POWER** **LS/LS**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 2	ARCHITECTURAL - ELECTRICAL/POWER	LS	T	1/1/2013	

751- 3- ARCHITECTURAL- TELEPHONE/COMMUNICATION

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** no

Notes

Details

For use on Architectural projects only. Not to be used with 750-1 (New/Rehab building) item.

DO NOT USE FOR: Signing, Lighting, ITS, or Signalization.

Includes all work, hardware, and materials for a complete Telephone/Communication system, as detailed in the plans and/or tech specs. Communications may include cable and/or fiber optic connections necessary for a complete system.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet

Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter

Trns-port

Other

Standards

Specifications

T: Plan Details and/or Technical Specifications required

TRNS*PORT Category (DRAFT FIELD): 0800

Architectural

Struct. 751- 3-

ARCHITECTURAL- TELEPHONE/COMMUNICATION

LS/LS

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 3	ARCHITECTURAL - TELEPHONE/COMMUNICATION	LS	T	1/1/2014	

751- 4- ARCHITECTURAL- WATER/SEWER INTERIOR

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** no

Notes

Details

For use on Architectural projects only. Not to be used with 750-1 (New/Rehab building) item.
Includes all work, hardware (sinks, toilets, water fountains), and materials for a complete water/sewer system for the interior of a building, as detailed in the plans and/or tech specs.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. 751- 4- ARCHITECTURAL- WATER/SEWER INTERIOR LS/LS

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 4	ARCHITECTURAL - WATER/SEWER INTERIOR	LS	T	1/1/2014	

751- 5- ARCHITECTURAL- WATER, SANITARY SEWER/SEWAGE TREATMENT

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** no

Notes

Details

For use on Architectural projects only. May be used with 750-1 (New/Rehab building) item for major items of work. For minor water/sewer work associated with building, include with 750-1 item.

Includes all work, hardware (lift station, treatment plant, etc.) for a complete water/sewer system for the exterior of a building, as detailed in the plans and/or tech specs.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet

Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. 751- 5- **ARCHITECTURAL- WATER, SANITARY SEWER/SEWAGE TREATMENT** **LS/LS**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 5	ARCHITECTURAL-WATER, SANITARY SEWER/SEWAGE TREATMENT	LS	T	1/1/2013	

751- 6- ARCHITECTURAL- HVAC

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** no

Notes

Details

For use on Architectural projects only. Not to be used with 750-1 (New/Rehab building) item.

Includes all work, hardware (AC, ventilation, and/or heating units), and materials for a complete HVAC system, as detailed in the plans and/or tech specs.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet

Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

**PPM Chapter
Trns-port
Other
Standards
Specifications**

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800

Architectural

Struct. 751- 6-

ARCHITECTURAL- HVAC

LS/LS

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

751- 10- ARCHITECTURAL- ASBESTOS ABATEMENT

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** no

Notes **Contact Architectural Section before opening, due to possible CARS contract.**

Details Check for possible CARS contract prior to using this item.

For use on Architectural projects only. Not to be used with 750-1 (New/Rehab building) item.

Includes all work, hardware, and materials for Asbestos Abatement, as detailed in the plans and/or tech specs.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation sumqrd: Roadway Summary of Quantities Sheet
 Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
 Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. **751- 10-** **ARCHITECTURAL- ASBESTOS ABATEMENT** **LS/LS**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

0751 11 5	ARCHITECTURAL- SPECIAL, RELOCATE SIGN PANEL FOR MALL ENTRANCE	EA	T	1/1/2015	6/30/2015
0751 11 6	ARCHITECTURAL- SPECIAL, GATEWAY WALL MODIFY	EA	T	1/1/2015	6/30/2015

751- 20- A ARCHITECTURAL- LIGHTNING PROTECTION SYSTEM

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** no

Notes

Details

For use on Architectural projects only. Not to be used with 750-1 (New/Rehab building) item.

For movable bridge structures, refer to Section 508 items. For all other applications, lightning protection is incidental to the item being protected.

Do not use for Signing, Lighting, ITS, or Signalization.

Includes all work, hardware, and materials for a complete lightning protection system, as detailed in the plans and/or tech specs.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet

Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

TRNS*PORT Category (DRAFT FIELD): 0800

Architectural

Struct. 751- 20- A ARCHITECTURAL- LIGHTNING PROTECTION SYSTEM LS/LS

- A= Type of System
- 1 (Point Discharge)
- 2 (Static Charge Dissipation)
- 3 (Surge Suppression)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 20 1	ARCHITECTURAL -LIGHTNING PROTECTION SYSTEM, POINT OF DISCHARGE	LS	T	1/1/2013	
0751 20 3	ARCHITECTURAL -LIGHTNING PROTECTION SYSTEM, SURGE SUPPRESSION	LS	T	1/1/2013	

751- 30- A PICNIC PAVILION

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

For use on Architectural projects only.
Size (small/large) and details as shown on Design Standards.
Non-standard sizes must be approved by the Architectural Section, with a new pay item request.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required **Recommended**

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards Index No. 530
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. 751- 30- A PICNIC PAVILION EA

A= Size, per index
1 (Small)
2 (Large)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 30 1	ARCHITECTURAL, PICNIC PAVILION, SMALL	EA	T	1/1/2013	

751- 31- AB Kiosk

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Roadside/Shared Use Path Display: Static display/bulletin board with wood support structure and metal roof. Dimensions as shown in the plans.

Related Items

Required

Recommended

**Plan Summary
Box**

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

**Design Forms
and
Documentation**

**Construction
Forms and
Documentation**

References

**PPM Chapter
Trns-port
Other
Standards
Specifications**

TRNS*PORT Category (DRAFT FIELD):

Struct. 751- 31- AB Kiosk EA

Operation
1 (Furnish & Install)

Type
1 (Roadside/Shared Use Path Display)

Other types of Kiosks- electric, static, etc. opened upon request

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 31 11	KIOSK, ROADSIDE/SHARED USE DISPLAY	EA	T	1/1/2015	

751- 35- AB BUS SHELTER

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

Includes work and materials to install a bus shelter. Detail components to be included with shelter, such as bench, solar panel, light, etc.

Size of shelter is based on the plan area projected by the shelter roof, not the complete shelter pad.

Shelter pad will be paid under Section 522 pay items.
Bike rack and trash receptacle paid under Section 751 pay items.
Signs mounted to the shelter may be detailed and included with shelter components. All other single post signs will be paid under Section 700 pay items.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD): 0200 or other Roadway or other- see details

Struct. 751- 35- AB BUS SHELTER EA

- A= Operation
- 1 (Furnish & Install)
- 3 (Install) Furnished by local agency
- B= Size, square feet of area covered by shelter
- 1 (up to 50)
- 2 (50-100)
- 3 (101-150)
- 4 (151-200)
- 5 (Greater than 200 SF)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 35 11	BUS SHELTER, F&I, UP TO 50 SF	EA	T	1/1/2013	
0751 35 12	ARCHITECTURAL, BUS SHELTER, F&I, 50-100 SF	EA	T	1/1/2013	
0751 35 13	ARCHITECTURAL, BUS SHELTER, F&I, 101-150 SF	EA	T	1/1/2013	

751- 36- AB BICYCLE RACK

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details Includes work and materials to install bicycle rack(s). Note that when installed with a bus pad, the foundation/concrete pad will be paid under Section 522 items. When multiple racks are installed together, payment should be made for each "inverted U" rack. When other rack shapes are used, detail the shape in the plans.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD): 0200 or other Roadway or other- see details

Struct. **751- 36- AB** **BICYCLE RACK** **EA**

- A= Operation
- 1 (Furnish & Install)
- 3 (Install) Furnished by local agency
- B= Capacity
- 1 (1-2 bicycles) inverted U or similar separate racks
- 2 (2-6 bicycles) small, continuous rack
- 3 (7-10 Bicycles) medium, continuous rack
- 4 (more than 10 Bicycles) large, continuous rack

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 36 11	BICYCLE RACK, FURNISH & INSTALL, 1-2 BICYCLES	EA	T	1/1/2013	
0751 36 12	BICYCLE RACK, FURNISH & INSTALL, 2-6 BICYCLES	EA	T	1/1/2013	
0751 36 13	BICYCLE RACK, FURNISH & INSTALL, 7-10 BICYCLES	EA	T	1/1/2013	
0751 36 14	BICYCLE RACK, FURNISH & INSTALL, MORE THAN 10 BICYCLES	EA	T	1/1/2013	

751- 37- TRASH RECEPTACLE

Unit EA **Accuracy** Each **PlanQuantity?** ?

Notes

Details

Includes work and materials to install trash receptacle. Note that when installed with a bus pad, the foundation/concrete pad will be paid under Section 522 items.

Related Items

Required **Recommended**

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0200 or other Roadway or other- see details

Struct. 751- 37- TRASH RECEPTACLE EA

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 37	TRASH RECEPTACLE	EA	T	1/1/2013	

751- 38- AB BENCH

Unit EA **Accuracy** Each **PlanQuantity?** ?

Notes

Details Includes work and materials to install a pedestrian bench. Detail size and materials in the plans.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0200 or other Roadway or other- see details

Struct. **751- 38- AB** **BENCH** **EA**

A= Operation
1 (Furnish & Install)
3 (Install) Furnished by local agency; B=0
B= Type
1 (Aluminum)
2 (Wood)
3 (Concrete)
4 (Steel)
9 (Other materials) detailed in plans

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 38 11	BENCH, F&I, ALUMINUM	EA	T	1/1/2013	
0751 38 14	BENCH, F&I, STEEL	EA	T	1/1/2013	

751- 39 PEDESTRIAN PLAZA

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** ?

Notes

Details May include pedestrian banners, drinking fountains, kiosk, and other items, as detailed in the plans. Tabulation summary required on all projects.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-05: Lump Sum Quantities
Use a quantity of 1, but calculations and computation book documentation must be to the second unit of measure. Locate or define the scope of work involved on the plans.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD): 0200 or other Roadway or other- see details

Struct. **751- 39** **PEDESTRIAN PLAZA** **LS/LS**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

751- 40- A ARCHITECTURAL/DECORATIVE WALL

Unit SF; M2 **Accuracy** Square Foot; 1/10
Square Meter **PlanQuantity?**

Notes

Details This item is intended for Architectural/Decorative walls that are not covered by perimeter wall or gravity wall applications.

Complete plans and specifications are required in the contract documents.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. **751- 40- A** **ARCHITECTURAL/DECORATIVE WALL** **SF**

A= Sequential Number (Project Number)
1 (433688-1-)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 40 1	ARCHITECTURAL/DECORATIVE WALL, PROJECT 433688-1-	SF	T	1/1/2014	

751- 41- ARCHITECTURAL- BEACH SHOWER

Unit EA **Accuracy** Each **PlanQuantity?**

Notes

Details This item is intended for a beach shower (shower column) used as an architectural feature/enhancement. Plans/specifications must detail the limits for payment: all shower heads, valves, etc.

Related Items **Required** **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD):

Struct. **751- 41-** **ARCHITECTURAL- BEACH SHOWER** **EA**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 41	ARCHITECTURAL- BEACH SHOWER	EA	T	1/1/2014	

751- 42- BAT ABODE

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

"Bat House", per AASHTO and Center for Environmental Excellence,
http://environment.transportation.org/environmental_issues/construct_maint_prac/compendium/manual/7_3.aspx

Details needed for materials, dimensions, and installation requirements. Include in plan details/technical specifications.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References

**PPM Chapter
 Trns-port
 Other
 Standards
 Specifications**

*TRNS*PORT Category (DRAFT FIELD):* 0200 or other Roadway or other- see details

Struct. 751- 42- BAT ABODE EA

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 42	BAT ABODE	EA	T	7/1/2014	

751- 43- A WILDLIFE SHELF

Unit Mixed **Accuracy** Refer to item structure and details **PlanQuantity?** no

Notes

Details

This item is intended for Wildlife Shelf attached to a bridge substructure. 3' shelf includes all work and materials detailed in the plans. NOTE: This is a non-standard design; other alternatives should be considered with input from the Structures Office. A quantity of 2 per bridge (one on each embankment) may be used.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD):

Struct. 751- 43- A WILDLIFE SHELF Mixed

A= Description
1 (3' Timber Shelf) EA

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 43 1	WILDLIFE SHELF	EA	P	1/1/2015	12/31/2015

751- 49- TIMBER PEDESTRIAN BRIDGE

Unit SF; M2 **Accuracy** Square Foot; 1/10
Square Meter **PlanQuantity?**

Notes

Details Intended for Pedestrian Bridges. Foundations not required to meet the requirements of Section 455 for piling. Specifications must include material requirements or references to existing timber specs.

Related Items **Required** **Recommended**

Plan Summary Multiple: Multiple forms may be applicable. See details above.
Box Refer to BOE details for project application.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **751- 49-** **TIMBER PEDESTRIAN BRIDGE** **SF**

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0751 49	TIMBER PEDESTRIAN BRIDGE	SF	T	1/1/2015	

770- 77- UNWIRED CABINET FOR PORTABLE WEIGH SCALE

Unit EA **Accuracy** Each **PlanQuantity?**

Notes

Details

Related Items **Required** UN **Recommended**

Plan Summary Box Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. 770- 77- UNWIRED CABINET FOR PORTABLE WEIGH SCALE EA

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0770 77	UNWIRED CABINET FOR PORTABLE WEIGHT SCALE	EA	T	7/1/2014	
0770 77	UNWIRED CABINET FOR PORTABLE WEIGHT SCALE	EA	T	7/1/2014	

770- 78- STATIC/WEIGH-IN-MOTION SCALE SYSTEM

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

The designer should details all requirements and components to be included in the system.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation

Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Record final quantity on the computation book form.

References

PPM Chapter

Trns-port

Other

Normally requires SHOP DRAWINGS

Standards

Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. 770- 78- STATIC/WEIGH-IN-MOTION SCALE SYSTEM EA

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0770 78	STATIC / WEIGH-IN-MOTION SCALE SYSTEM	EA	T	1/1/2013	

770- 79- WEIGH STATION

Unit LS/LS **Accuracy** Lump Sum **PlanQuantity?** yes

Notes

Details

The designer should detail all requirements and components to be included in the station.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

sumqrd: Roadway Summary of Quantities Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

No additional form required; use plans summary or comp book
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References

PPM Chapter
Trns-port
Other Normally requires SHOP DRAWINGS
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0800 Architectural

Struct. 770- 79- WEIGH STATION LS/LS

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0770 79	WEIGH STATION	LS	T	1/1/2013	

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0781 3111	ITS ROAD WEATHER INFORMATION SYSTEM, FURNISH & INSTALL, FIELD HARDWARE, NEW TOWER INCLUDED	EA	T	1/1/2013	
0781 3112	ITS ROAD WEATHER INFORMATION SYSTEM, FURNISH & INSTALL, FIELD HARDWARE, MOUNTED TO EXISTING STRUCTURE	EA	T	1/1/2013	
0781 3121	ITS ROAD WEATHER INFORMATION SYSTEM, FURNISH & INSTALL, CTRL MONITOR/PROC EQUIP, NEW TOWER MOUNT	EA	T	1/1/2013	
0781 3300	ITS ROAD WEATHER INFORMATION SYSTEM, INSTALL	EA	T	1/1/2013	

781- 6- AB ITS GREENHOUSE GAS MONITORING SYSTEM

Unit EA **Accuracy** Each **PlanQuantity?** ?

Notes **New item effective 7-1-12. Details pending**

Details Specification should indicate that payment includes "furnishing, placement, and testing of all materials and equipment, establishing communication, and for all tools, labor, equipment, hardware, flexible tubing, pump, operational software package(s) and firmware(s), supplies, support, personnel training, shop drawings, documentation, and incidentals necessary to complete the work."

Related Items **Required** **Recommended**

Plan Summary Box Signalization: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **781- 6- AB** **ITS GREENHOUSE GAS MONITORING SYSTEM** **EA**

- A= Operation
- 1 (Furnish & Install)
- 2 (Furnish)
- 3 (Install)
- B= Sensor Mounting
- 1 (New Tower Included)
- 2 (Mounted to Existing Structure)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0781 6 12	ITS GREENHOUSE GAS MONITORING SYSTEM, F&I, MOUNTED TO EXISTING STRUCTURE	EA	T	1/1/2013	

781- 20- AB ITS CB RADIO ADVISORY SYSTEM

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes

Details

These items are intended for Maintenance Contracts Only.

The CBRAS is used on the Turnpike Enterprise.

REPLACE: Intended for Maintenance Contracts only. Includes removal of existing item and replacement with new/refurbished item provided by the contractor. Contract documents should indicate whether existing item remains the property of the Department, or becomes the property of the Contractor.

REMOVE AND INSTALL: Intended for Maintenance Contracts only. Includes removal of existing item and replacement with new/refurbished item provided by the Department. Contract documents should indicate whether existing item remains the property of the Department, or becomes the property of the Contractor.

Related Items

Required

Recommended

Plan Summary Box

Signalization: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation

COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. 781- 20- AB ITS CB RADIO ADVISORY SYSTEM EA

A= Operation
5 (Replace)
6 (Remove and Install)
8 (Preventive Maintenance) B=0
9 (Diagnostic & Misc. Repair) B=0
B= Component
1 (Complete Antenna Assembly)
2 (Controller)

Notes

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0781 20 51	ITS CB RADIO ADVISORY SYSTEM, REPLACE, COMPLETE ANTENNA ASSEMBLY	EA	T	1/1/2013	
0781 20 62	ITS CB RADIO ADVISORY SYSTEM, REMOVE AND INSTALL, CONTROLLER	EA	T	1/1/2013	
0781 20 80	ITS CB RADIO ADVISORY SYSTEM, PREVENTATIVE MAINTENANCE	EA	T	1/1/2013	
0781 20 90	ITS CB RADIO ADVISORY SYSTEM, DIAGNOSTIC AND MISCELLANEOUS REPAIR	EA	T	1/1/2013	

785- 1- AB		ITS POLE	
	Unit	EA	Accuracy Each
			PlanQuantity? no
Notes	Valid through December 2014; replaced by Section 641 through 649 pay items, effective January 2015.		
Details	Use a lowering device in field locations where a CCTV camera or other ITS device is mounted on a pole, but the height precludes easy access to the equipment for maintenance or repair. The lowering device is provided along with a steel or concrete pole. Refer to design standards for pole and mounting details.		
	FURNISH & INSTALL: Includes the pole, with or without lowering device (per pay item), installed per design standard. No separate payment for drilled shaft foundation.		
	REMOVE: Plans or specs should identify if contactor is to take ownership, stockpile, or deliver item(s) to a FDOT maintenance yard.		
	Retrofit: to be used where a pole is already provided, to include furnishing & installation of lowering device.		
Related Items	Required	Recommended	
Plan Summary Box	Signalization: Tabulation of Quantities Summarize items by pay item and location.		
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>			
Design Forms and Documentation	pldtit: ITS Pole Tabulation & Details for all Types Locate in plans. Summarize quantities by location on summary sheet in the plans.		
Construction Forms and Documentation	No additional form required; use plans summary or comp book Record final quantity on the tabulation sheet (plans) or computation form (comp book).		
References	PPM Chapter		
	Trns-port		
	Other		
	Standards	Index 18110, 18111 (steel), and 18113 (Concrete)	
	Specifications		
	http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks		
TRNS*PORT Category (DRAFT FIELD):		0550	ITS or Signalization
Struct.	785- 1- AB	ITS POLE	EA
	A= Operation		
	1 (Furnish & Install)		
	2 (Replace)		
	3 (Install) B=0		
	4 (Relocate) B=0		
	5 (Adjust /Modify) B=0		
	6 (Remove) B=0		
	9 (Retrofit lowering device on existing pole) B=0		
	B= Type		
	1 (Concrete Pole w/ lowering device)		
	2 (Steel Pole w/ lowering device)		
	3 (Concrete Pole w/o lowering device)		

4 (Steel Pole w/o lowering device)

Notes

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The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

785- 2-ABC		ITS FIELD CABINET	
	Unit	EA	Accuracy Each
			PlanQuantity? no
Notes	Valid through December 2014; replaced by Section 676 items, effective January 2015.		
Details	<p>For use on ITS project. Refer to Specification for cabinets covered by Section 785 and applicable design standards. Specifications for Install only items should include existing location of materials/equipment (i.e. maintenance yard address) NOTE: Items listed in other sections may have cabinets incidental to item being installed.</p> <p>For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.</p>		
Related Items	Required	Recommended	
Plan Summary Box	Signalization: Tabulation of Quantities Summarize items by pay item and location.		
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>			
Design Forms and Documentation	tabqit: ITS Tabulation Quantity Sheet Locate in plans. Summarize quantities by location on summary sheet in the plans.		
Construction Forms and Documentation	No additional form required; use plans summary or comp book Record final quantity on the tabulation sheet (plans) or computation form (comp book).		
References	PPM Chapter		
	Trns-port		
	Other		
	Standards	Index No. 18300	
	Specifications		
	T: Selected Items may require Plan Details and/or Technical Specifications		
	http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks		
TRNS*PORT Category (DRAFT FIELD):	0550	ITS or Signalization	
Struct.	785- 2-ABC	ITS FIELD CABINET	EA
	A= Operation 1 (Furnish & Install) 2 (Replace) C=0 3 (Install) BC=00 4 (Relocate) BC=00 5 (Adjust /Modify) BC=00 6 (Remove and Dispose) Contractor takes ownership BC=00 B= Type 1 (Type 336) 2 (Type 336 w/ sunshields) 3 (Type 336S)		

- 4 (Type 336S w/ sunshields)
- 5 (Type 334)
- 6 (Type 334 w/ sunshields)
- 9 (Special) valid through 6-30-14
- C= Mounting
 - 1 (Pole Mount)
 - 2 (Ground Mount)

Notes

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The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.

785- 3-ABC ITS EQUIPMENT SHELTER

Unit EA **Accuracy** Each **PlanQuantity?** no

Notes **Valid through June 2014; replaced by Section 677 items, effective July 2014.**

Details For use on ITS Projects. Refer to Specification for cabinets/shelter covered by Section 785. All shelter/building incidentals must be detailed in the plans or specifications, including electrical, mechanical, and/or HVAC.

DO NOT Use 750 Architectural Items with this item.

For Plan Detail/Tech Spec items: The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item.

Related Items **Required** **Recommended**

Plan Summary Box Signalization: Tabulation of Quantities
Summarize items by pay item and location.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.

Design Forms and Documentation tabqit: ITS Tabulation Quantity Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation No additional form required; use plans summary or comp book
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other
Standards
Specifications

T: Selected Items may require Plan Details and/or Technical Specifications

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0550 ITS or Signalization

Struct. **785- 3-ABC** **ITS EQUIPMENT SHELTER** **EA**

- A= Operation
- 1 (Furnish & Install)
- 3 (Install) BC=00*
- 4 (Relocate) BC=00*
- 5 (Adjust /Modify) BC=00
- 6 (Remove and Dispose) Contractor takes ownership
- 9 (Preventive Maintenance) BC=00
- B= Size (from exterior dimensions)
- 1 (up to 120 ft2)
- 2 (121 to 170 ft2)
- 3 (171 to 250 ft2)

9 (Special)*

C= Interior Ceiling Height

1 (8 ft)

2 (9 ft)

Notes *A=3, 4 verify with ITS Office prior to opening
*B=9 may require Tech Spec or Plan Detail

The following items were open, as of the publication date. Refer to the Master Pay Item list for current items. Additional items may be opened upon request.
