

**500-Maint HANDRAIL
Maintenance Contracts Only**

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

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

Valid through 6-30-15; replaced by appropriate 515 or 460 items. "Repair/replace" operations will be opened upon request.

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. **500-Maint** **HANDRAIL** **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
E500 71	HANDRAIL STEEL (REMOVE & REINSTALL)	LF		1/1/2013	6/30/2015
E500 72	HANDRAIL ALUMINUM (REMOVE & REINSTALL)	LF		1/1/2013	6/30/2015

504- 1- AA STEEL ROADWAY FLOOR

Unit SF; M2 **Accuracy** Square Foot; 1/10 Square Meter **PlanQuantity?** yes

Notes

Details

Intended for steel grating for sidewalks and bridge decks usually on bascule leaves. Show location w/ quantity block in plans. Make deductions in quantities for openings or joints. When concrete filled decks are called for in the plans, no separate payment is made for fill concrete. See Section 504 for Specifications.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Structures Quantities, Bridge xxxxxx

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 Section 504

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

TRNS*PORT Category (DRAFT FIELD): 0100 Structures

Struct. 504- 1- AA STEEL ROADWAY FLOOR SF

- A =
- 1 (5" Open)
- 2 (3" Armored)
- 5 (5 1/2" Armored)
- 10 (5" Armored)

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
0504 1 1	ROADWAY FLOOR, STEEL, 5" OPEN	SF		1/1/2013	
0504 1 2	ROADWAY FLOOR, STEEL, 3" ARMORED	SF		1/1/2013	
0504 1 5	ROADWAY FLOOR, STEEL, 5.5" ARMORED	SF		1/1/2013	
0504 1 10	ROADWAY FLOOR, STEEL, 5" ARMORED	SF		1/1/2013	

506- 2- BRIDGE DRAIN PIPE

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Intended for payment for drainage pipes located on bridge structure to convey water from deck inlets to ends of bridge or down to ground at pier locations. Include piping that is cast into concrete components in the quantity. Bridge drains paid separately under 506-3. Show location w/ quantity block in plans.

NOTE: Pipe hangers or other support/mounting accessories are included in the cost of the pipe. Detail hangers/support in the plans.

Related Items

Required 506- 3- **Recommended**

Plan Summary Box

Summary of Structures Quantities, Bridge xxxxxx

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

Design Forms and Documentation

COMP 700-050-09: Linear Measure Comp with Components and Cont., or 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
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 Section 506

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

TRNS*PORT Category (DRAFT FIELD): 0100 Structures

Struct. 506- 2- BRIDGE DRAIN PIPE LF

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
0506 2	BRIDGE DRAINAGE PIPE	LF		1/1/2013	

506- 3- BRIDGE DRAINS

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

Notes

Details

Intended for payment for deck inlets located on bridge structure. Bridge piping paid under 506-2. Deck scuppers holes cast into bridge deck should not be paid for under this item unless they consist of a casting. Pay for deck scupper holes under superstructure concrete (add pay item note). Show location w/ quantity block in plans.

Related Items

Required 506- 2- **Recommended**

Plan Summary Box

Summary of Structures Quantities, Bridge xxxxxx

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
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 Section 506

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

*TRNS*PORT Category (DRAFT FIELD):* 0100 Structures

Struct. 506- 3- BRIDGE DRAINS 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
0506 3	BRIDGE DRAINS	EA		1/1/2013	

506- 72- BRIDGE DRAIN- POWER CLEAN

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

Notes

Details

Valid for Maintenance Use. Plans or Specifications must detail cleaning requirements including: method(s), permitted chemicals, etc.

Unit of measure is "per each"; specification must show that payment is made per each bridge, NOT each drain or scupper.

DOCUMENTATION: No summary is required for Maintenance contracts; work orders are issued as needed.

For construction contracts, summarize "each bridge" in the plans on the Summary of Structures (for projects with bridge category), or Summary of General Items (for projects without bridge category).

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

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

Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

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): 100 or 200 Structures or Roadway

Struct. 506- 72- BRIDGE DRAIN- POWER CLEAN 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
0506 72	BRIDGE DRAIN- POWER CLEAN	EA		1/1/2013	

508- 1- A MOVABLE BRIDGE ELECTRICAL EQUIPMENT, NEW CONSTRUCTION ONLY

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

Notes

Details

For NEW BRIDGE CONSTRUCTION ONLY. Intended for furnishing and installing complete electrical system for bascule bridge.

Includes all electrical equipment and appurtenances (wire, cables, submarine cable assembly, conduits, wiring, wiring devices, light fixtures, motors, controllers, motor control centers, panel boards, relays, control equipment, safety switches, traffic signals, all traffic gates, traffic barriers, Variable Speed Controllers, drive motors, stand-by generator and transfer switch, motor control equipment, air horns, navigation lights, limit switches, system grounding scheme, tender house amenities, and all other apparatus and accessories indicated, specified, or required) required for a complete operating electrical system on new bascule bridges. Clearly define scope of work in plans and specifications.

Contact State Structures Design for boiler plate Specification 508 to be modified as required for project specifics.

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."

Valid through 6-30-10. Replaced by 508-4- Movable Bridge Rehabilitation. The old detail is included below:

For movable bridges only. Clearly define scope of work in plans and specifications. Contact State Structures Design for boiler plate specification to be modified as required for project specifics.

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.

NEW- FURNISH & INSTALL: Includes complete, new, electrical system for bascule bridge. Includes all electrical equipment and appurtenances (emergency generator, submarine cable, motors, control console, brakes, programmable controller, motor control center, drive system, CCTV system, navigation lights, gates, signals, and all other equipment/service) required for a complete installation on bascule bridges.

EXISTING- ADJUST/MODIFY/REHAB: Includes all electrical system equipment, components, and/or work not paid for separately under other items. May include furnishing/wiring/installation of new or rehab electrical components.

REMOVAL: Clearly identify which items are to be stockpiled or disposed. For stockpiled items, include a location for delivery (define limits of contractor's work) and a contact name.

Related Items

Required

Recommended

Plan Summary Box

Summary of Structures Quantities, Bridge xxxxxx

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

508- 2- A MOVABLE BRIDGE GATE

Unit AS **Accuracy** Assembly **PlanQuantity?** yes

Notes

Details

For use on movable bridges only. This item may be used with 508-1 for rehab bridge projects. (DO NOT use on New Bridge Construction.) Clearly define scope of work in plans and specifications. Contact State Structures Design for boiler plate specification to be modified as required for project specifics.

Design Standards shows location. Remaining specs/details are needed.

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.

FURNISH & INSTALL: Furnish & Install new gates on an existing bascule bridge.

ADJUST/MODIFY/REHAB: Includes all work and materials necessary for rehab of existing gates. Include pay item 508-1 for other electrical system work.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Structures Quantities, Bridge xxxxxx

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 Index No. 17890
Specifications

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0100 Structures

Struct. 508- 2- A MOVABLE BRIDGE GATE AS

- A= Operation
- 1 (Furnish & Install)
- 4 (Relocate)
- 5 (Adjust/Modify/Rehab)
- 6 (Remove & Dispose) Note: Contractor takes ownership
- 7 (Remove & Stockpile/Salvage) Note: DOT/maintaining agency retains ownership

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
0508 2 1	MOVABLE BRIDGE GATE, F&I	AS	T	1/1/2013	
0508 2 5	MOVABLE BRIDGE GATE, ADJUST/MODIFY/REHAB	AS	T	1/1/2013	
0508 2 6	MOVABLE BRIDGE GATE, REMOVE & DISPOSE	AS	T	1/1/2013	
0508 2 7	MOVABLE BRIDGE GATE, REMOVE & STOCKPILE/SALVAGE	AS	T	1/1/2013	

508- 3- A MOVABLE BRIDGE SIGNAL

Unit AS **Accuracy** Assembly **PlanQuantity?** yes

Notes

Details

For use on movable bridges only. This item may be used with 508-4 for rehab bridge projects.
DO NOT use on New Bridge Construction.

Clearly define scope of work in plans and specifications. Contact State Structures Design for boiler plate specification to be modified as required for project specifics. Coordinate with details shown on Design Standard.

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.

FURNISH & INSTALL: Furnish & Install new signals on an existing bascule bridge. Includes the mast arm, monotube, or other supports, as shown in the standards or plans.

ADJUST/MODIFY/REHAB: Includes all work and materials necessary for rehab of existing signals. Include pay item 508-1 for other electrical system work.

Related Items

Required

Recommended

Plan Summary Box

Summary of Structures Quantities, Bridge xxxxxx

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 Index No. 17890
Specifications

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0100 Structures

Struct. 508- 3- A MOVABLE BRIDGE SIGNAL AS

A= Operation
1 (Furnish & Install)
4 (Relocate)
5 (Adjust/Modify/Rehab)

- 6 (Remove & Dispose) Note: Contractor takes ownership
7 (Remove & Stockpile/Salvage) Note: DOT/maintaining agency retains ownership

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
0508 3 1	MOVABLE BRIDGE - SIGNAL, F&I	AS		1/1/2013	
0508 3 5	MOVABLE BRIDGE - SIGNAL, ADJUST / MODIFY / REHAB	AS	T	1/1/2013	
0508 3 6	MOVABLE BRIDGE - SIGNAL, REMOVE & DISPOSE	AS	T	1/1/2013	
0508 3 7	MOVABLE BRIDGE - SIGNAL, REMOVE & STOCKPILE/SALVAGE	AS	T	1/1/2013	

508- 4- MOVABLE BRIDGE ELECTRICAL EQUIPMENT, REHABILITATION PROJECTS ONLY

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

Notes

Details

Intended for REHABILITATION PROJECTS for bascule bridge electrical systems. (For new structures, the complete electrical system is included under 508- 1, LS.)

Contact Central Office Structures Design for boiler plate 508 Specification to be modified as required for project specifics.

As needed, the removal, repair, replacement or rehabilitation of specific components will be included, as defined in the project 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 Structures Quantities, Bridge xxxxxx

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

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): 0100 Structures

Struct. 508- 4- MOVABLE BRIDGE ELECTRICAL EQUIPMENT, REHABILITATION PROJECTS ONLY 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
0508 4	MOVABLE BRIDGE ELECTRICAL EQUIPMENT, REHABILITATION	LS	T	1/1/2013	

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0508 72 1	MOVABLE BRIDGE EMERGENCY GENERATOR ,F&I	AS	T	1/1/2013	
0508 72 4	MOVABLE BRIDGE EMERGENCY GENERATOR , REMOVE	AS	T	1/1/2013	

508- 73- A SUBMARINE CABLE ASSEMBLY

Unit LS/LF; LS/M1 **Accuracy** Lump Sum (Linear Foot); Lump Sum (Meter) **PlanQuantity?** yes

Notes

Details

Intended for sub-aqueous cable. For bascule bridge rehabilitation projects only or fixed new bridge projects.

For new bascule bridge projects, submarine cable is included under 508- 1-. Clearly define work in plans and specifications. Contact State Structures Design for boiler plate specification to be modified as required for project specifics.

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 Structures Quantities, Bridge xxxxxx

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

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

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

TRNS*PORT Category (DRAFT FIELD): 0100

Structures

Struct.

508- 73- A

SUBMARINE CABLE ASSEMBLY

LS/LF

- A =
- 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
0508 73 1	SUBMARINE CABLE ASSEMBLY, FURNISH & INSTALL	LS	T	1/1/2013	
0508 73 3	SUBMARINE CABLE ASSEMBLY, INSTALL	LS	T	1/1/2013	
0508 73 4	SUBMARINE CABLE ASSEMBLY, REMOVE	LS	T	1/1/2013	

508- 76- A MOVABLE BRIDGE REHAB- SPAN MOTORS AND CONTROLLERS

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

Notes

Details

Includes span drive motors and speed controllers for bascule bridge rehabilitation only. For new structures, span motors are included under 508- 1-. Clearly define work in plans and specifications. Contact State Structures Design for boiler plate specification to be modified as required for project specifics.

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 Structures Quantities, Bridge xxxxxx

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

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 SDG Chapter 8
Standards
Specifications

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0100 Structures

Struct. **508- 76- A** **MOVABLE BRIDGE REHAB- SPAN MOTORS AND CONTROLLERS** **LS/LS**

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

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
0508 76 1	MOVABLE BRIDGE - REHAB, SPAN MOTORS & CONTROLLERS , F&I	LS	T	1/1/2013	
0508 76 4	MOVABLE BRIDGE - REHAB, SPAN MOTORS & CONTROLLERS , REMOVE	LS	T	1/1/2013	
0508 76 5	MOVABLE BRIDGE - REHAB, SPAN MOTORS & CONTROLLERS , RECONDITION	LS	T	1/1/2013	

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0508 77 1	MOVABLE BRIDGE- REHAB,PROGRAMMABLE LOGIC CONTROLLER F&I	EA	T	1/1/2013	
0508 77 4	MOVABLE BRIDGE- REHAB,PROGRAMMABLE LOGIC CONTROLLER REMOVE	EA	T	1/1/2013	
0508 77 5	MOVABLE BRIDGE- REHAB,PROGRAMMABLE LOGIC CONTROLLER PROGRAMMING	EA	T	1/1/2013	

508- 78- A MOVABLE BRIDGE REHAB- LIMIT SWITCHES AND TRANSDUCERS

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

Notes

Details

Includes limit switches and transducers for bascule bridge rehabilitation only. For new structures, limit switches and transducers are included under 508- 1-. Contact State Structures Design for boiler plate specification to be modified as required for project specifics.

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 Structures Quantities, Bridge xxxxxx

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 SDG Chapter 8
Standards
Specifications

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0100 Structures

Struct. **508- 78- A** **MOVABLE BRIDGE REHAB- LIMIT SWITCHES AND TRANSDUCERS** **LS/LS**

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

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
0508 78 1	MOVABLE BRIDGE-REHAB, LIMIT SWITCHES & TRANSDUCERS F&I	LS	T	1/1/2013	
0508 78 4	MOVABLE BRIDGE-REHAB, LIMIT SWITCHES & TRANSDUCERS REMOVE	LS	T	1/1/2013	

508- 79- A MOVABLE BRIDGE REHAB- CONTROL CONSOLE

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

Notes

Details

Includes control console and associated equipment (switches, indicating lights, relays, etc.) for bascule bridge rehabilitation only. For new structures, control console is included under 508- 1-. Clearly define work in plans and specifications. Contact State Structures Design Office for boiler plate specification to be modified as required for project specifics.

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 Structures Quantities, Bridge xxxxxx

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 SDG Chapter 8
Standards
Specifications

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0100 Structures

Struct. 508- 79- A MOVABLE BRIDGE REHAB- CONTROL CONSOLE EA

- A =
- 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
0508 79 1	MOVABLE BRIDGE-REHAB,CONTROL CONSOLE, F&I	EA	T	1/1/2013	
0508 79 4	MOVABLE BRIDGE-REHAB,CONTROL CONSOLE, REMOVE	EA	T	1/1/2013	

508- 80- A MOVABLE BRIDGE REHAB- BRAKE SYSTEM

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

Notes

Details

Includes brake systems (brake shoes, brake drums, brake operators) for bascule bridge rehabilitation only. For new structures, brake system is included under 508- 1-. Clearly define work in plans and specifications.
Contact State Structures Design for boiler plate specification to be modified as required for project specifics.

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 Structures Quantities, Bridge xxxxxx

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 SDG Chapter 8

Standards

Specifications

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0100 Structures

Struct. 508- 80- A MOVABLE BRIDGE REHAB- BRAKE SYSTEM EA

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

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
0508 80 1	MOVABLE BRIDGE-REHAB, BRAKE SYSTEM, F&I	EA	T	1/1/2013	
0508 80 4	MOVABLE BRIDGE-REHAB, BRAKE SYSTEM, REMOVE	EA	T	1/1/2013	
0508 80 5	MOVABLE BRIDGE-REHAB, BRAKE SYSTEM, RECONDITION	EA	T	1/1/2013	

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0508 82 1	MOVABLE BRIDGE-REHAB, CONTROL PANEL - MOTOR CONTROLLER, F&I	EA	T	1/1/2013	
0508 82 5	MOVABLE BRIDGE-REHAB, CONTROL PANEL - MOTOR CONTROLLER, REPLACE	EA	T	1/1/2013	

- 06 (116 - 155 kW)
- 07 (156 - 190 kW)
- 08 (191 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
0508 83101	MOVABLE BRIDGE INTEGRATED DRIVE SYS, F&I, 25KW OR LESS	AS	T	1/1/2013	
0508 83103	MOVABLE BRIDGE INTEGRATED DRIVE SYS, F&I, 41-60 KW	AS	T	1/1/2013	
0508 83106	MOVABLE BRIDGE-REHAB, INTREGATED DRIVE SYSTEM, F&I 116-155 KW	AS	T	1/1/2013	
0508 83107	MOVABLE BRIDGE-REHAB, INTREGATED DRIVE SYSTEM, F&I 156 - 190 KW	AS	T	1/1/2013	

510- 1- A NAVIGATION LIGHTS- FIXED BRIDGE

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

Notes

Details

LS System: Includes all work related to the navigation lights and accessories for fixed bridges, including the fender and channel lights, clearance gauge light, wiring, conduit, wiring devices, transformers, enclosures, grounding system, controls, and protective devices, as detailed in the specs and design standard index. (No separate payment for conduit and pull boxes.) The designer should ensure that all details are complete, to correspond to spec references. Note: For dual bridges, use one system; pay item may be entered with either bridge.

CLEARANCE GUAGE (2015 Standards, July 2015 and later): Per index 21930, the clearance gauge will be furnished and installed by the contractor. The clearance gauge light will be included under the navigation light LS payment.

CLEARANCE GUAGE (through June 2014 lettings): Per index 21930, the clearance gauge will be furnished by the Department and installed by the contractor. The clearance gauge light will be included under the navigation light LS payment.

Repair/Rehab, EA light: Tech Spec and Plan Details are required to detail location and work to be completed. Measurement and payment will be per light. (If the entire system of lights is to be repaired/rehabilitated, use the LS system pay item.)

For bascule bridges, navigation lights are included under 508-1.

DOCUMENTATION

LUMP SUM: No calculations required unless item is to be adjusted. All calculations and documentation of adjustments, in accordance with the Specifications, are required.

EACH: Final quantity must be recorded in space provided on summary sheet in the plans. All changes must be shown on final plan sheets.

Related Items	Required	Recommended
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Plan Summary Box	Summary of Structures Quantities, Bridge xxxxxx	
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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	See Details Above	Locate in the plans. Summarize quantities by location in the computation book.
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Construction Forms and Documentation	No additional form required; use plans summary or comp book	see detail
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References	PPM Chapter	
	Trns-port	
	Other	Normally requires SHOP DRAWINGS
	Standards	Index No. 21220
	Specifications	Section 510

T: Plan Details and/or Technical Specifications required

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

*TRNS*PORT Category (DRAFT FIELD):* 0100

Structures

Struct. 510- 1- A NAVIGATION LIGHTS- FIXED BRIDGE Mixed

A =
 Blank (System) LS/LS
 4 (Repair/Rehab light) EA, see details 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
0510 1	NAVIGATION LIGHTS- FIXED BRIDGE, SYSTEM	LS	T	1/1/2013	
0510 1 4	NAVIGATION LIGHTS- FIXED BRIDGE, REPAIR/REHAB	EA	T	1/1/2013	

512- 1- A MOVABLE BRIDGE- CONTROL HOUSE

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

Notes

Details

Intended for the complete cost of control house for bascule bridges. Include cost of foundation under separate pay items (piling, shaft, etc.) Contact State Structures Design for boiler plate specification to be modified as required for project specifics. Clearly show limits in plans for payment purposes. Include complete bar lists for control house in the plans, including cost of reinforcing steel for walls and floors.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Structures Quantities, Bridge xxxxxx

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

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

*TRNS*PORT Category (DRAFT FIELD):* 0100 Structures

Struct. 512- 1- A MOVABLE BRIDGE- CONTROL HOUSE LS/LS

A =
1 (Renovation)
Blank (New)

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
0512 1	MOVABLE BRIDGE-CONTROL HOUSE, NEW	LS	T	1/1/2013	
0512 1 1	MOVABLE BRIDGE-CONTROL HOUSE, RENOVATE	LS	T	1/1/2013	

512- 71- A MOVABLE BRIDGE PLUMBING SYSTEM

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

Notes

Details

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

Plan Summary Box Summary of Structures Quantities, Bridge xxxxxx

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): 0100 Structures

Struct. 512- 71- A MOVABLE BRIDGE PLUMBING SYSTEM EA

A = Operation
1 (Furnish & Install)

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
0512 71 1	MOVABLE BRIDGE PLUMBING SYSTEM, FURNISH & INSTALL	EA	T	1/1/2013	

514- 71- A FILTER FABRIC, PLASTIC

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** no

Notes

Details

Intended for Subsurface Drainage or Stabilization applications, as detailed in Section 514 and 985 of Specifications.

Effective 1/2011 lettings: DO NOT USE pay item for French Drain applications, per design standard and specification change. French Drain item includes payment for filter fabric.

Geotextile fabrics are divided into the following three main classes:

1. Drainage- under all rubble riprap, including cyclopean stone and under gabions; wrapped around drains, pipe joints, and edge-drains; filter behind walls, etc.
2. Erosion Control- silt fence, staked silt barrier, plastic erosion mat.
3. Stabilization- separator between embankment and soft subsoil, reinforcement and pipe bedding.

NOTE: When this item is incidental to other work, no separate payment is made for filter fabric.

Refer to specifications and/or design standards:

Ditch Pavement, Section 524: no separate payment for filter fabric

Box Culvert weep holes, Section 400; no separate payment for filter fabric

Related Items

Required

Recommended

514-72 for impermeable liner

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

Record final quantity on the computation book form.

References

PPM Chapter

Trns-port

Other

Standards

Index No. 199, valid through 12-31-2014.

Specifications

Section 514

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

TRNS*PORT Category (DRAFT FIELD): 0200

Roadway

Struct. 514- 71- A FILTER FABRIC, PLASTIC SY

- A =
1 (Subsurface)
2 (Stabilization)

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
0514 71 1	PLASTIC FILTER FABRIC, SUBSURFACE	SY		1/1/2013	
0514 71 2	PLASTIC FILTER FABRIC, STABILIZATION	SY		1/1/2013	

514- 72- LINER IMPERMEABLE PVC

Unit SY; M2 **Accuracy** Square Yard; Square Meter **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** 514-71 for "filter" fabric

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
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 Roadway

Struct. 514- 72- **LINER IMPERMEABLE PVC** **SY**

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
0514 72	LINER IMPERMEABLE PVC	SY	T	1/1/2013	

514- 73- GEOSYNTHETIC CLAY LINER

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** no

Notes **Monitor: Contact Larry Jones, State Geotechnical Engineer**

Details Contact the State Geotechnical Engineer prior to using 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 Summary of Geotechnical Items
Summarize quantities by 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 700-050-01: 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
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 Roadway

Struct. **514- 73-** **GEOSYNTHETIC CLAY LINER** **SY**

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
0514 73	GEOSYNTHETIC CLAY LINER	SY	T	1/1/2013	

515- 1- A

PIPE HANDRAIL- GUIDERAIL

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

To be used as detailed on Design Standards Index 870 (aluminum) or 880 (steel). Two pipe handrail is generally used in locations where drop-off is between 10" and 60". Additional applications may include "steering" pedestrians next to a sidewalk or out of a parking lot (with or without drop-off).

For use next to drop-off greater then 60", refer to Index 800 series and pay items 460-70 or 515-2.

Not valid for use on bridge.

When PVC guiderail is used, complete specifications are needed; consider weather, UV requirements, etc when specifying material requirements.

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.

Documentation: Refer to Instructions for Design Standards.

PIPE RAIL: Pipe rail is a guardrail component. Refer to pay item 536-6. DO NOT use guiderail for guardrail installations.

Related Items

Required

Recommended

Plan Summary Box

Summary of Railing
Summarize quantities by 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 700-050-09: Linear Measure Comp with Components and Cont., or 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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References

PPM Chapter

Trns-port

Other

Standards Index No. 870 (aluminum) or 880 (steel) only

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): 0200

Roadway

Struct. 515- 1- A PIPE HANDRAIL- GUIDERAIL LF

A =
1 (Steel) per Index 880
2 (Aluminum) per Index 870
5 (PVC) see BOE detail

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
0515 1 1	PIPE HANDRAIL - GUIDERAIL, STEEL	LF		1/1/2013	
0515 1 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF		1/1/2013	
0515 1 5	PIPE HANDRAIL- GUIDERAIL, PVC	LF	T	1/1/2013	

515- 2-ABB PEDESTRIAN/BICYCLE RAILING

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

To be used for pedestrian railing next to drop-offs greater than 60". Use in accordance with the Index 850 and 860 series. These rails are not intended for use on top of traffic barriers or where motor vehicle containment is required.

54" Height: Refer to PPM, Vol 1, 8.8 for additional guidance. 54" height to be used ONLY when special circumstances meet requirements of AASHTO LRFD Bridge Design Specifications Section 13.9. Contact State Structures Design Office for approval to use 54" height.

Special Materials: Full material specifications will be required. Ensure that material requirements address UV issues, strength, etc.

Non-standard type/height to be used only when existing design standards do not apply. For minor deviations from standards, note changes in the plans with pay item corresponding to applicable standard & height. Ensure that smaller railing heights are not a climbing issue.

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.

Documentation: When Index 852 or 862 is used, tabulate quantities on the CADD cell, as directed on the Instructions for Design Standards. Note the infill panel type. All other items, tabulate quantities in the plans.

Related Items

Required

Recommended

Plan Summary Box

Summary of Railing
Summarize quantities by location.

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

Design Forms and Documentation

Index 852: Pedestrian/Bicycle Railing Data Tables & Estimated Quantities
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 Vol 1, Section 8.8
Trns-port
Other
Standards Index No. 851, 852, 861, 862
Index 850, 860 valid through June 2012.
Index 852, 862 effective July 2012.

Specifications

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 515- 2-ABB PEDESTRIAN/BICYCLE RAILING LF

A = Required Material Types
1 (Non Specified Material)
2 (Steel Only) Index 851, 852
3 (Aluminum Only) Index 861, 862
4 (Special Materials) full material specifications needed; approvals required
BB = Rail Type

Note: The following items are valid through 6-30-2012
01 (42" Picket Railing) Index 850 and 860
02 (54" Picket Railing) Index 850 and 860
03 (Non-standard Height) see detail requirements above

Additional types available July 2011 letting and later (see index for infill panel details):

11 (42" Type 1) Picket infill panel
12 (42" Type 2) Chain link, continuous infill panel
13 (42" Type 3) Sunshine infill panel
14 (42" Type 4) Broadway infill panel
15 (42" Type 5) Perforated infill panel
19 (42" Custom Panel) Details & material requirements in plans

54" Height: See PPM Requirements
21 (54" Type 1) Picket infill panel*
22 (54" Type 2) Chain link, continuous infill panel*
23 (54" Type 3) Sunshine infill panel*
24 (54" Type 4) Broadway infill panel*
25 (54" Type 5) Perforated infill panel*
29 (54" Custom Panel) Details & material requirements in plans*

*Per the PPM, 54" panels should ONLY be used when only on bridges and retaining walls for special circumstances. See PPM 8.8 for 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
0515 2111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF		1/1/2013	
0515 2211	PEDESTRIAN / BICYCLE RAILING, STEEL, 42" TYPE 1	LF		1/1/2013	
0515 2212	PEDESTRIAN / BICYCLE RAILING, STEEL, 42" TYPE 2	LF		1/1/2013	
0515 2213	PEDESTRIAN / BICYCLE RAILING, STEEL, 42" TYPE 3	LF		1/1/2013	
0515 2221	PEDESTRIAN/ BICYCLE RAILING, STEEL ONLY,54" TYPE 1	LF	A	1/1/2013	
0515 2311	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY,42" TYPE 1	LF		1/1/2013	

0515 2312	PEDESTRIAN / BICYCLE RAILING, ALUMINUM, 42" TYPE 2	LF		7/1/2013	
0515 2313	PEDESTRIAN / BICYCLE RAILING, ALUMINUM, 42" TYPE 3	LF		1/1/2013	
0515 2319	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY, 42" CUSTOM PANEL	LF	A	1/1/2013	3/30/2015
0515 2321	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY,54" TYPE 1	LF	A	1/1/2013	
0515 2329	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY, 54" CUSTOM PANEL	LF	A	1/1/2013	3/30/2015
0515 2411	PEDESTRIAN / BICYCLE RAILING, SPECIAL MATERIALS- WEATHERING STEEL, 42" TYPE 1	LF	T	1/1/2015	
0515 2419	PEDESTRIAN/ BICYCLE RAILING,SPECIALS, MATERIAL42" CUSTOM PANEL	LF		1/1/2013	6/30/2015

515- 3- A HANDRAIL- RETROFIT TO EXISTING RAILING

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

DO NOT USE WITH 515-1 or 515-2.
Handrails shown on Index Nos. 850-880 include the handrail with the picket or guiderail installation. No separate payment is made for the handrail on new installations.

Intended for RETROFIT applications to add ADA handrail to existing railing or guiderail. This item includes ONLY the ADA handrail. Plan details or tech specs may refer to Index 850-880 for handrail materials and/or installation.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Railing
Summarize quantities by 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 700-050-09: Linear Measure Comp with Components and Cont., or 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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

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. **515- 3- A** **HANDRAIL- RETROFIT TO EXISTING RAILING** **LF**

A= Material
1 (Steel)
2 (Aluminum)

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
0515 3 1	PIPE HANDRAIL- RETROFIT TO EXISTING RAILING, STEEL	LF	T	1/1/2013	
0515 3 2	PIPE HANDRAIL- RETROFIT TO EXISTING RAILING, ALUMINUM	LF	T	1/1/2013	

519- 78- BOLLARDS

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

Notes

Details

Intended for posts placed at the ends of pedestrian or special-use facilities. Space/locate as necessary to restrict certain vehicles, while allowing others.

Tech Spec should indicate that this is a plan quantity item. Details to consider include: materials (concrete, wood, metal, other), installation methods and/or construction requirements. Materials spec to address UV, strength, and/or other applicable issues.

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

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

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 519- 78- BOLLARDS 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
0519 78	BOLLARDS	EA	T	1/1/2013	

520- 1- AA CONCRETE CURB AND GUTTER

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Includes construction of concrete curb and/or curb and gutter, and all forming, contraction joint forming, expansion joint construction, steel reinforcement, finishing and backfilling and compaction. Deduct inlet top lengths as shown in the standards from the length of curb and gutter. Length to be measure along the face of the curb.

Drop curb is paid as the parent curb type, per Index.

VALID THROUGH 12-31-13:

Special Type: To be used for any curb & gutter, other than "Type E" or "Type F", as shown in the design standards or plans.

PROJECTS LET AFTER 1-1-14: Types A, B, D, and RA should continue to use Pay Item 520-2-AA.

VARIABLE HEIGHT TYPE F is used to extend the height of the back of the curb for tree root protection. Plan details are required.

Type F with Special Gutter is used when special drainage features are needed. Plan details are required.

REMOVAL OF CURB: Per the specification, "for repairs and replacements, removal of the existing curb will be included in the cost of the new curb." Do not use pay item 110-4.

Related Items

Required

Recommended

Plan Summary Box

Summary of Curb & Gutter and/or Traffic Separators
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 700-050-02: Curb/Gutter Calculations 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
Standards Index No. 300
Specifications Section 520

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 520- 1- AA **CONCRETE CURB AND GUTTER** **LF**

AA =
7 (Type E)
8 (Special) see details above; valid through 12-31-13

- 10 (Type F)
- 11 (Variable height Type F) details required
- 12 (Type F with Special Gutter Profile) details 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.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	LF		1/1/2013	
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF		1/1/2013	
0520 1 11	CONCRETE CURB & GUTTER, VARIABLE HEIGHT TYPE F	LF	D	7/1/2013	
0520 1 12	CONCRETE CURB & GUTTER, TYPE F WITH SPECIAL GUTTER PROFILE	LF	D	7/1/2013	

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
0520 2 1	CONCRETE CURB, TYPE A	LF		1/1/2013	
0520 2 2	CONCRETE CURB, TYPE B	LF		1/1/2013	
0520 2 4	CONCRETE CURB, TYPE D	LF		1/1/2013	
0520 2 8	CONCRETE CURB, TYPE RA	LF		1/1/2013	
0520 2 9	CONCRETE CURB, SPECIAL- BRIDGE TRANSITION BLOCK	LF	T	1/1/2013	

520- 3- CONCRETE VALLEY GUTTER

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Includes construction of Valley Gutter, as shown on Index 300.

Related Items

Required

Recommended

Plan Summary Box

Summary of Curb & Gutter and/or Traffic Separators
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 700-050-02: Curb/Gutter Calculations 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
Standards Index No. 300
Specifications Section 520

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 520- 3- CONCRETE VALLEY GUTTER LF

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
0520 3	VALLEY GUTTER- CONCRETE	LF		1/1/2013	

520- 5- AB CONCRETE TRAFFIC SEPARATOR

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Includes construction of traffic separator in 4, 6, and 8.5' (1.2, 1.8, and 2.6 meter) widths, in accordance with Index 302. Includes all forming, contraction joint forming, expansion joint construction, steel reinforcement, finishing and backfilling and compaction. Include the length of the nose when calculating the linear feet (meters). Refer to Plans Preparation Manual for proper use.

When used on bridges, refer to Instructions for Design Standards.

For separator of variable width, consider item 520-70, paid per area.

When an asphalt curb pad is used (Index 302, Type I, Option II), the cost of the flexible pavement is included in the cost of the separator.

Related Items **Required** **Recommended** 520- 70 (2520- 70)

Plan Summary Box Summary of Curb & Gutter and/or Traffic Separators
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 700-050-02: Curb/Gutter Calculations 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
Standards Index No. 300, 302, 212, 213
Specifications Section 520

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): 0200 Roadway

Struct. **520- 5- AB** **CONCRETE TRAFFIC SEPARATOR** **LF**

- A =
- 1 (Type I)
- 2 (Type II)
- 4 (Type IV)
- 5 (Type V)
- B =
- 1 (4' Wide)
- 2 (6' Wide)

6 (8.5' Wide)

Notes Valid widths based on current design standards. All other widths use 520-70 item.

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
0520 5 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF		1/1/2013	
0520 5 12	TRAFFIC SEPARATOR CONCRETE-TYPE I, 6' WIDE	LF		1/1/2013	
0520 5 16	TRAFFIC SEPARATOR CONCRETE- TYPE I, 8.5' WIDE	LF		1/1/2013	
0520 5 21	TRAFFIC SEPARATOR - CONCRETE, TYPE II, 4' WIDE	LF		1/1/2013	
0520 5 22	TRAFFIC SEPARATOR - CONCRETE, TYPE II, 6' WIDE	LF		1/1/2013	
0520 5 26	TRAFFIC SEPARATOR CONCRETE- TYPE II, 8.5' WIDE	LF		1/1/2013	
0520 5 41	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 4' WIDE	LF		1/1/2013	
0520 5 42	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 6' WIDE	LF		1/1/2013	
0520 5 46	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 8.5' WIDE	LF		1/1/2013	
0520 5 51	TRAF SEP CONC, TYPE V, 4' WIDE	LF		1/1/2013	

520- 6- SHOULDER GUTTER, CONCRETE

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Deduct inlet top lengths as shown in the standards from the length of curb and gutter. For Type S, length to be measured along the face of the curb.

When spillway is needed, as shown on Index 284, include payment for spillway in shoulder gutter. Add the length of the spillway to the shoulder gutter quantity for payment.

Related Items

Required

Recommended

Plan Summary Box

Summary of Curb & Gutter and/or Traffic Separators
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 700-050-02: Curb/Gutter Calculations 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
Standards Index No. 220, 284, 300
Specifications Section 520

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 520- 6- SHOULDER GUTTER, CONCRETE LF

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
0520 6	SHOULDER GUTTER- CONCRETE	LF		1/1/2013	

520- 7- A GRANITE CURB

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

Notes

Details

Measured by Plan Quantity.

This item is used to repair/maintain existing granite curb, as requested by local agency

Tech Specs required to detail materials, construction/placement, as well as measurement and payment. Tech specs should indicate that damage due to contractors operations will be repaired/replaced at no additional cost to the department.

Related Items

Required

Recommended

Plan Summary Box

Summary of Curb & Gutter and/or Traffic Separators

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 700-050-02: Curb/Gutter Calculations 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 Roadway

Struct. 520- 7- A GRANITE CURB LF

A= Operation
1 (Furnish & Install)
2 (Reset)

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
0520 7 1	GRANITE CURB, FURNISH & INSTALL	LF	T	1/1/2013	
0520 7 2	GRANITE CURB, RESET	LF	T	1/1/2013	

520- 70- CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes

Details

Includes construction of traffic separator in variable width, as well as non-standard widths. Refer to Plans Preparation Manual for proper use.

This item may also be used when replacing grassed medians with concrete.

When used on bridges, refer to Instructions for Design Standards.

Use item 520-5 for standard constant width separator, paid per length.

Plan Detail requirement: Show the limits of the special/variable width separator. Tabulate the area, by location, in the plans. This item will be paid per plan quantity.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Curb & Gutter and/or Traffic Separators
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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References

PPM Chapter
Trns-port
Other
Standards Index No. 302
Specifications Section 520

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 520- 70- CONCRETE TRAFFIC SEPARATOR, SPECIAL- SY
VARIABLE WIDTH

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
0520 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL-VARIABLE WIDTH	SY	T	1/1/2013	

521- 1- A MEDIAN CONCRETE BARRIER WALL

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details Median Concrete Barrier Wall is to be used when calling for concrete barrier wall that is to be located in a median (double face or full wall barrier); see pay item 521- 72- (2521- 72-) for shoulder wall. Consists of construction of plain or reinforced barrier wall, as shown in the design standards. The contractor may request approval for precast construction in lieu of cast-in-place.

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

Plan Summary Box Summary of Permanent Barrier Wall
Summarize quantities 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 700-050-09: Linear Measure Comp with Components and Cont., or 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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References **PPM Chapter**
Trns-port
Other Normally requires SHOP DRAWINGS
Standards Index No. 217, 410, 415
Specifications Section 521

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **521- 1- A** **MEDIAN CONCRETE BARRIER WALL** **LF**

A =
Blank (Cast In Place)
1 (Precast)

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
0521 1	MEDIAN CONCRETE BARRIER WALL	LF		1/1/2013	
0521 1 1	MEDIAN BARRIER WALL CONC, PRECAST	LF		1/1/2013	

521- 5- AA CONCRETE TRAFFIC RAILING- BRIDGE

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes **New item for Retrofit- Post & Beam Railing, effective with new Design Standard Index 404 and 405 (Available/posted July 2013).**

Details Items to be used in accordance with the Instructions for Design Standards and the Index(es), for Concrete Traffic Railings located on a BRIDGE. Include barriers located on approach slabs in this item, as applicable.

If any modification is made to a standard barrier, the "Special" pay item should be used along with complete plan details. Details for any modified/non-standard barrier must be submitted to the Structures Design Office for approval, due to crash testing requirements.

Standard Indexes:
 Index 404 and Index 405: Retrofit- Post & Beam Railing
 Index 420: 32" F-Shape
 Index 425: 42" F-Shape
 Index 421: 32" F-Shape Median, Double Face
 Index 423: 32" Vertical Face
 Index 422: 42" Vertical Face
 Index 424: Corral With Curb
 Index 424: Corral W/O Curb
 Index 480 thru Index 483: Retrofit-Vertical Face
 Index 5210: F-Shaped with Sound/Noise Barrier Wall, 8'Ht.

POST & BEAM RAILING RETROFIT: Use the this pay item with item 536-8-A.

REPAIR EXISTING: The repair pay item should only be used for maintenance/operations contracts, where the type of barrier and/or repair details are provided in the plans or specifications. Ensure that complete details are provided for materials, repair requirements, measurement and payment.

NOTE: For shoulder/ground mounted traffic railings, see pay item 521-72-. For Retaining Wall mounted traffic railings, see pay item 521-7-.

Related Items	Required	Recommended
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Plan Summary Box	Summary of Structures Quantities, Bridge xxxxxx	
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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	COMP 700-050-09: Linear Measure Comp with Components and Cont., or 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	
	Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.	

References	PPM Chapter Vol 1, Ch 2
	Trns-port
	Other SDG 6.7

Standards See detail
Index No. 404, 405, 420, 421, 422, 423, 424, 425, 480, 481, 482, 483,
5210

Specifications Section 521

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

TRNS*PORT Category (DRAFT FIELD): 0100 Structures

Struct. 521- 5- AA CONCRETE TRAFFIC RAILING- BRIDGE LF

- AA =
1 (32" F-Shape)
2 (42" F-Shape) Index 425
3 (32" F-Shape Median, Double Face)
4 (32" Vertical Face)
5 (42" Vertical Face)
6 (Corral With Curb)
7 (Corral W/O Curb)
8 (Retrofit-Vertical Face) Index 480
9 (Special Design) see BOE Detail above; approvals required
10 (Repair Existing Railing) see BOE Detail above
11 (Retrofit- Post & Beam Railing) Index 404 and 405
20 (F-Shaped with Sound/Noise Barrier Wall 8'Ht.) Index 5210

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
0521 5 1	CONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	LF		1/1/2013	
0521 5 2	CONCRETE TRAFFIC RAILING, BRIDGE 42" F - SHAPE	LF		1/1/2013	
0521 5 3	CONCRETE TRAFFIC RAILING, BRIDGE, 32" F - SHAPE, MEDIAN, DOUBLE FACE	LF		1/1/2013	
0521 5 4	CONCRETE TRAFFIC RAILING, BRIDGE, 32" VERTICAL FACE	LF		1/1/2013	
0521 5 5	CONCRETE TRAFFIC RAILING, BRIDGE, 42" VERTICAL FACE	LF		1/1/2013	
0521 5 6	CONCRETE TRAFFIC RAILING- BRIDGE, CORRAL W/CURB	LF		1/1/2013	
0521 5 7	CONCRETE TRAFFIC RAILING, BRIDGE, CORRAL WITHOUT CURB	LF		1/1/2013	
0521 5 8	CONCRETE TRAFFIC RAILING, BRIDGE,RETROFIT-VERTICAL FACE	LF		1/1/2013	
0521 5 9	CONCRETE TRAFFIC RAILING, BRIDGE, SPECIAL DESIGN	LF	A	1/1/2013	6/30/2015
0521 5 10	CONCRETE TRAFFIC RAILING, BRIDGE, REPAIR EXISTING	LF	T	1/1/2013	
0521 5 11	CONCRETE TRAFFIC RAILING- BRIDGE, RETROFIT-POST & BEAM RAILING	EA		7/1/2013	

0521 5 20	CONCRETE TRAFFIC RAILING-BRIDGE, F SHAPED WITH SOUND/NOISE BARRIER WALL 8' HEIGHT	LF	1/1/2013
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521- 6- AB CONCRETE PARAPET

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Intended for pedestrian/ bicycle railings located on bridge or on retaining walls. Includes cost of concrete portion of the parapet (including cost of sidewalk as applicable). Railing mounted on the top of 27" parapets are to be paid for separately. Show location w/ quantity block on bridge superstructure sheets and wall sheets as required.

When Index 820, 27" Pedestrian Bicycle Railing is utilized, Pay Item 460-70-A for Bullet Railing is also required.

*Index Number 5300 valid through 6/2011. Index Number 6130 effective 7/2011.

Special Design: If significant modifications are made to the design standards, the "Special" pay item should be used along with complete plan details.

Related Items

Required

Recommended

Plan Summary Box

Summary of Permanent Barrier Wall
Summarize quantities 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 700-050-09: Linear Measure Comp with Components and Cont., or 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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References

PPM Chapter

Trns-port

Other

Standards

Index No. 820, 825, 826, 5212, and 5300/6130*.
Index 826 valid through June 2012.

Specifications

Section 521

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

TRNS*PORT Category (DRAFT FIELD): 100 or 200

Structures or Roadway

Struct. 521- 6- AB CONCRETE PARAPET LF

A = Type

1 (Pedestrian/Bicycle)

2 (Special Design) see BOE detail; B=0

3 (Retaining Wall System Mounted w/ Sidewalk) Index 5300/6130*

4 (Retaining Wall System Mounted w/ sidewalk and 8' Sound/Noise Wall) Index 5300/5212*

B= Height

1 (27") Index 820, with metal railing, paid under 460-70-A

- 2 (42") Index 825
- 3 (54") Index 826, valid through 12-31-2011
- 4 (curb) Index 851/861 railing paid separately

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
0521 6 11	CONCRETE PARAPET, PEDESTRIAN/BICYCLE, 27" HEIGHT	LF		1/1/2013	
0521 6 12	CONCRETE PARAPET, PEDESTRIAN/BICYCLE, 42" HEIGHT	LF		1/1/2013	
0521 6 15	CONCRETE PARAPET, PEDESTRIAN/BICYCLE, 26" HEIGHT WITH STONE CAP	LF		1/1/2015	
0521 6 31	CONCRETE PARAPET, RETAINING WALL SYSTEM MOUNTED W/SIDEWALK, 27" HEIGHT	LF		1/1/2013	
0521 6 34	CONCRETE PARAPET, RETAINING WALL SYSTEM MOUNTED W/SIDEWALK, CURB	LF		7/1/2014	

521- 7- AA	CONCRETE TRAFFIC RAILING BARRIER- RETAINING WALL SYSTEM		
Unit	LF; M1	Accuracy	Linear Foot; 1/10 Meter
		PlanQuantity?	yes

Notes

Details

Intended for 8' retaining wall mounted sound/noise barrier with junction slab. Use in accordance with Instructions for Design Standards and Index 5210 and 5212.

Show location with quantity block on wall sheets

Related Items

Required

Recommended

Plan Summary Box

Summary of Permanent Barrier Wall
Summarize quantities 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 700-050-09: Linear Measure Comp with Components and Cont., or 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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References

PPM Chapter
Trns-port
Other
Standards Index No. 5210 and 5212
Specifications Section 521

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

TRNS*PORT Category (DRAFT FIELD): 100 or 200 Structures or Roadway

Struct.	521- 7- AA	CONCRETE TRAFFIC RAILING BARRIER- RETAINING WALL SYSTEM	LF
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A =
1 (F Shape with Sound/Noise Barrier Wall 8' Ht.) Index 5210

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
0521 7 1	CONCRETE TRAFFIC RAILING BARRIER- RETAINING WALL SYSTEM, F SHAPE WITH SOUND/NOISE BARRIER WALL, 8' HEIGHT	LF		1/1/2013	

521- 8- AA CONCRETE TRAFFIC RAILING- WITH JUNCTION SLAB

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Item to be used in accordance with the Instructions for Design Standards and the Index(es). Show location with quantity block in wall plans.
Sometimes used with item 521- 5- A for traffic railing systems that extend onto bridge.

Note description change from "Sleeper Slab" to "Junction Slab", in accordance with Design Standards.

Index Numbers valid through June 2011:
Index No. 420 & 5300: 32" F-Shape
Index 425 & 5300: 42" F-Shape)
Index 423 & 5300: 32" Vertical Face
Index 422 & 5300: 42" Vertical Face
Index 424 & 5300: Corral With Curb
Index 520: Gravity Wall- see Class 0 concrete for gravity wall payment

DOCUMENTATION: This item may be documented on either the Summary of Railing (concrete railing) or the Summary of Permanent Barrier Wall.

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

Construction Forms and Documentation

References

PPM Chapter

Trns-port

Other

Standards

Effective July 2011:
Index No. 420 & 6110: 32" F-Shape
Index No. 425 & 6110: 42" F-Shape)
Index No. 423 & 6110: 32" Vertical Face
Index No. 422 & 6120: 42" Vertical Face
Index No. 424 & 6120: Corral With Curb

Specifications

Section 521

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

TRNS*PORT Category (DRAFT FIELD): 100 or 200

Structures or Roadway

Struct. 521- 8- AA

CONCRETE TRAFFIC RAILING- WITH JUNCTION SLAB LF

AA =
1 (32" F-Shape)

- 2 (42" F-Shape)
- 3 (32" Vertical Face)
- 4 (42" Vertical Face)
- 5 (Corral With Curb)

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
0521 8 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF		1/1/2013	
0521 8 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF		1/1/2013	
0521 8 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF		1/1/2013	
0521 8 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF		1/1/2013	
0521 8 3	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 32" VERTICAL FACE	LF		1/1/2013	
0521 8 3	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 32" VERTICAL FACE	LF		1/1/2013	
0521 8 4	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" VERTICAL FACE	LF		1/1/2013	
0521 8 4	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" VERTICAL FACE	LF		1/1/2013	
0521 8 5	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, CORRAL WITH CURB	LF		1/1/2013	
0521 8 5	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, CORRAL WITH CURB	LF		1/1/2013	

521- 8- AA CONCRETE TRAFFIC RAILING- WITH JUNCTION SLAB

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Item to be used in accordance with the Instructions for Design Standards and the Index(es). Show location with quantity block in wall plans.
Sometimes used with item 521- 5- A for traffic railing systems that extend onto bridge.

Note description change from "Sleeper Slab" to "Junction Slab", in accordance with Design Standards.

Index Numbers valid through June 2011:
Index No. 420 & 5300: 32" F-Shape
Index 425 & 5300: 42" F-Shape)
Index 423 & 5300: 32" Vertical Face
Index 422 & 5300: 42" Vertical Face
Index 424 & 5300: Corral With Curb
Index 520: Gravity Wall- see Class 0 concrete for gravity wall payment

Related Items

Required

Recommended

Plan Summary Box

Summary of Permanent Barrier Wall
Summarize quantities 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 700-050-09: Linear Measure Comp with Components and Cont., or 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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References

PPM Chapter
Trns-port
Other
Standards

Effective July 2011:
Index No. 420 & 6110: 32" F-Shape
Index No. 425 & 6110: 42" F-Shape)
Index No. 423 & 6110: 32" Vertical Face
Index No. 422 & 6120: 42" Vertical Face
Index No. 424 & 6120: Corral With Curb

Specifications Section 521

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

TRNS*PORT Category (DRAFT FIELD): 100 or 200 Structures or Roadway

Struct. 521- 8- AA CONCRETE TRAFFIC RAILING- WITH JUNCTION SLAB LF

AA =
1 (32" F-Shape)

- 2 (42" F-Shape)
- 3 (32" Vertical Face)
- 4 (42" Vertical Face)
- 5 (Corral With Curb)

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
0521 8 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF		1/1/2013	
0521 8 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF		1/1/2013	
0521 8 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF		1/1/2013	
0521 8 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF		1/1/2013	
0521 8 3	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 32" VERTICAL FACE	LF		1/1/2013	
0521 8 3	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 32" VERTICAL FACE	LF		1/1/2013	
0521 8 4	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" VERTICAL FACE	LF		1/1/2013	
0521 8 4	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" VERTICAL FACE	LF		1/1/2013	
0521 8 5	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, CORRAL WITH CURB	LF		1/1/2013	
0521 8 5	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, CORRAL WITH CURB	LF		1/1/2013	

521- 72- AA SHOULDER CONCRETE BARRIER WALL

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Intended for rigid shoulder roadway barriers with 8'-14' shoulder mounted sound/noise barrier walls and box culvert mounted barriers.
Use 521- 1- (2521- 1-) for median wall.

May be used for bridge pier protection, in accordance with Instructions for Design Standards, Index No. 411.

AA= 21 and 22 (F-Shape with sound/noise wall): See Instructions for Design Standards, Index 5200 series. Project specific details are required for 10' and 12' heights.

When transitioning between two wall heights, include the transition length with the quantity for the larger height.

Related Items Required Recommended

Plan Summary Box Summary of Permanent Barrier Wall
Summarize quantities 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 700-050-09: Linear Measure Comp with Components and Cont., or 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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References **PPM Chapter**
Trns-port
Other
Standards Index No. 410, 411, 5210, 5211, 5213, 5214, 5215
Specifications Section 521

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

TRNS*PORT Category (DRAFT FIELD): 100 or 200 Structures or Roadway

Struct. 521- 72- AA SHOULDER CONCRETE BARRIER WALL LF

- AA =
- 2 (Box Culvert)
- 3 (Rigid - Shoulder) 32", Index 410
- 4 (Rigid - Retaining)
- 5 (Rigid - Curb & Gutter)
- 6 (Plain - Shoulder) A=6 valid through 12-31-2009
- 7 (Rigid - Shoulder, With 8' Sound/Noise Wall)
- 10 (Rigid Shoulder 42") Index 411
- 11 (Rigid Shoulder 54") Index 410, 411

- 20 (F-Shaped, With 8' Sound/Noise Wall) Index 5210
- 21 (F-Shaped, With 10' Sound/Noise Wall) project specific details required
- 22 (F-Shaped, With 12' Sound/Noise Wall) project specific details required
- 23 (F-Shaped, With 14' Sound/Noise Wall) details on index 5211

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
0521 72 2	SHOULDER CONCRETE BARRIER WALL, BOX CULVERT	LF		1/1/2013	
0521 72 3	SHOULDER CONCRETE BARRIER WALL, RIGID-SHOULDER	LF		1/1/2013	
0521 72 4	SHOULDER CONCRETE BARRIER WALL, RIGID RETAINING	LF		1/1/2013	
0521 72 5	SHOULDER CONCRETE BARRIER WALL, RIGID-CURB & GUTTER	LF		1/1/2013	
0521 72 7	SHOULDER CONCRETE BARRIER WALL, RIGID - SHOULDER WITH 8' SOUND/NOISE WALL	LF		1/1/2013	
0521 72 10	SHOULDER CONCRETE BARRIER WALL, RIGID SHOULDER 42"	LF		1/1/2013	
0521 72 11	SHOULDER CONCRETE BARRIER WALL, RIGID SHOULDER 54"	LF		1/1/2013	
0521 72 20	SHOULDER CONCRETE BARRIER WALL, F SHAPED, WITH 8' SOUND/NOISE WALL	LF		1/1/2013	
0521 72 21	SHOULDER CONCRETE BARRIER WALL, F SHAPED, WITH 10' SOUND/NOISE WALL	LF		1/1/2013	
0521 72 22	SHOULDER CONCRETE BARRIER WALL, F SHAPED, WITH 12' SOUND/NOISE WALL	LF		1/1/2013	
0521 72 23	SHOULDER CONCRETE BARRIER WALL, F SHAPED, WITH 14' SOUND/NOISE WALL	LF		1/1/2013	

521- 73- CONCRETE BARRIER WALL REMOVAL

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

Notes **Effective January 2014, note payment change for roadway vs bridge usage.**

Details This pay item is to be used for removal of roadway barrier only. Per the specification, barrier wall on bridge structures and approach slabs is included in the cost of removal of existing structures.

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

Plan Summary Box Summary of Permanent Barrier Wall
Summarize quantities 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 700-050-09: Linear Measure Comp with Components and Cont., or 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 tabulation sheet (plans) or computation form (comp book).

References **PPM Chapter**
Trns-port
Other
Standards
Specifications Section 521
T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 100 or 200 Structures or Roadway

Struct. **521- 73-** **CONCRETE BARRIER WALL REMOVAL** **LF**

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
0521 73	CONCRETE BARRIER WALL, REMOVAL	LF		1/1/2013	

**521-Maint CONCRETE BARRIER WALL REPAIR
 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. **521-Maint** **CONCRETE BARRIER WALL REPAIR** **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
E521 1	CONCRETE BARRIER WALL REPAIR	CY		1/1/2013	

522- 1- CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes **Through December 2013: Payment includes cost of Detectable Warning.**

Effective January 2014: Separate payment will be made for Detectable Warning. Refer to Estimates Bulletin 13-07.

Details Consists of construction of plain or reinforced sidewalk and driveways. Includes all materials, foundation preparation, joint forming (or sawing), placing, finishing and curing. Specifically excludes excavation.

Sidewalk and Driveways, 6" is normally used in traffic-bearing situations.

Through December 2013: Detectable Warning for sidewalk ramps is incidental to the cost of new sidewalk; for retro-fit of ramps, refer to Section 527 of the specifications.

Effective January 2014: Detectable Warnings for all applications are paid under Section 527.

Additional details on Index 310. The concrete edge beam support for pedestrian railings (Index 852/862) is included in the cost for sidewalk.

For designs near significant trees, consult with Environmental Management Office.

REMOVAL OF SIDEWALK/DRIVEWAYS: Per the specification, "for repairs and replacements, removal of the existing sidewalk/driveway will be included in the cost of the new sidewalk." Do not use pay item 110-4.

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

Plan Summary Box Summary of Sidewalk & Detectable Warnings
Summarize quantities by location and/or area ID.

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** Vol 1, Ch 8
Trns-port
Other
Standards Index No. 282, 304, 310, 515
Specifications Section 522

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **522- 1- CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK** **SY**

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
0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY		1/1/2013	

522- 2- CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes **Through December 2013: Payment includes cost of Detectable Warning.**
Effective January 2014: Separate payment will be made for Detectable Warning. Refer to Estimates Bulletin 13-07.

Details Refer to pay item 522-1 for details.

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

Plan Summary Box Summary of Sidewalk & Detectable Warnings
Summarize quantities by location and/or area ID.

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** Vol 1, Ch 8
Trns-port
Other
Standards Index No. 282, 304, 310
Specifications Section 522

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **522- 2- CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK** **SY**

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
0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY		1/1/2013	

522- 3- BUS BAY/BOARDING PAD- CONCRETE

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes

Details To be used for the roadway portion of a bus pad, when a concrete bay is shown in the plans. Show dimensions, including pad thickness, in the plans. Details or specifications are required to indicate the thickness, reinforcement, and/or joints, as needed. Concrete class, per Section 522 should be non-structural.

Do not use this pay item for the pedestrian/sidewalk areas of a bus stop.

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

Plan Summary Box Summary of Sidewalk & Detectable Warnings
Summarize quantities by location and/or area ID.

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** Vol 1, Ch 8
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **522- 3- BUS BAY/BOARDING PAD- CONCRETE SY**

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
0522 3	BUS BOARDING PAD- CONCRETE	SY		1/1/2013	

522- 4- BUS SHELTER PAD- CONCRETE

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes

Details

To be used for the pedestrian (non-roadway) portion of a bus pad, when a shelter area is to be included. Show dimensions, including pad thickness, in the plans. Details or specifications are required to indicate the thickness, reinforcement, and/or joints, as needed. Concrete class, per Section 522 should be non-structural. Include transition details between sidewalk and curb, in compliance with ADA requirements.

Note: If a pedestrian shelter is not required, a bus landing pad (connecting the sidewalk to the curb) may be included in the sidewalk quantities. Refer to the Plans Preparation Manual, Vol 1, Chapter 8 for additional information.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Sidewalk & Detectable Warnings
Summarize quantities by location and/or area ID.

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 Vol 1, Ch 8
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 522- 4- **BUS SHELTER PAD- CONCRETE** **SY**

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
0522 4	BUS SHELTER PAD- CONCRETE	SY		1/1/2013	

523- A- B PATTERNED PAVEMENT

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes **GREEN BIKE LANES: DDE Approval needed; refer to PPM Vol 1, Chapter 8.4.2.2.**

Details Designers/Reviewers- Review latest PPM guidance prior to using this item. Maintenance Agreements may be necessary.

Includes placement of a patterned pavement. Work and materials (coloring, coating, etc.) for treatment are included under payment this item. Products must be listed on the QPL.

Per the specification, "patterned pavements are defined as surface markings applied either as an overlay to the pavement surface, or imprinted in the pavement surface." Products requiring removal of pavement, or requiring blockout trenches below the top of pavement, shall not be used.

GREEN BIKE LANES: Pay Item 523-1- 3 is valid for use within bike lanes, ONLY when approved by the District Design Engineer for site specific installations.. Refer to Bulletin and/or PPM for complete details. Show/tabulate bike lane areas in the plans.

SPECIAL EMPHASIS CROSSWALK MARKINGS: Refer to the PPM, Vol 1, 7.2 when patterned pavement is proposed for special emphasis crosswalks.

Unit of measure is Plan Quantity, without deductions for trees, manholes, etc, per specification.

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

Plan Summary Box Summary of Pavement
Summarize quantities by pay item and location. Quantity column is for area/volume at each location; final quantity column is total for each pay item.

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** Vol 1, Ch 2
Trns-port
Other
Standards
Specifications Section 523
<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **523- A- B** **PATTERNED PAVEMENT** **SY**
A= Location

- 1 (Vehicular Areas)
- 2 (Non-Vehicular Areas)
- B= Specific Application
- blank (regular roadway)
- 3 (Green Bike Lane) approval needed; see details 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
0523 1	PATTERNED PAVEMENT, VEHICULAR AREAS	SY		1/1/2013	
0523 1 3	PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE	SY	M	1/1/2013	
0523 2	PATTERNED PAVEMENT, NON-VEHICULAR AREAS	SY		1/1/2013	

524- 1- A CONCRETE DITCH PAVEMENT: NON-REINFORCED

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes

Details

Consists of construction of concrete pavement in the flow channel of drainage ditches. Includes excavation below the finished grade, refilling and tamping, and disposal of surplus material. Also includes all costs of providing joints and weep holes, ditch blocks within ditch pavement area, furnishing and placing the filter fabric, skimmers, and any incidental materials, as detailed in the plans.

Refer to Index 281 for additional information.

Tabulate ditch pavement and ditch blocks, by location in the plans.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Ditch Pavement
Columns may be added or deleted, as necessary. Summarize quantities by location.

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

Design Forms and Documentation

SBDitchPvmt: Summary of Ditch Pavement and Performance Turf, Sod
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 Index No. 281
Specifications Section 524

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 524- 1- A CONCRETE DITCH PAVEMENT: NON-REINFORCED SY

- A =
- 1 (3")
- 2 (4")
- 3 (5")
- 4 (6")

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
0524 1 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY		1/1/2013	
0524 1 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY		1/1/2013	
0524 1 3	CONCRETE DITCH PAVEMENT, NON REINFORCED, 5"	SY		1/1/2013	
0524 1 4	CONCRETE DITCH PAVEMENT, NON REINFORCED, 6"	SY		1/1/2013	

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0524 1 19	CONCRETE DITCH PAVT, 3", REINFORCED	SY		1/1/2013	
0524 1 29	CONCRETE DITCH PAVEMENT, 4", REINFORCED	SY		1/1/2013	
0524 1 49	CONCRETE DITCH PAVEMENT, 6", REINFORCED	SY		1/1/2013	

524- 2- A CONCRETE SLOPE PAVEMENT: NON-REINFORCED

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes

Details Intended for non-reinforced slope pavement to protect bridge fill slopes, to line flow channels, and drainage ditches. Refer to 524- 1-xxa for details.

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

Plan Summary Box Summary of Ditch Pavement
Columns may be added or deleted, as necessary. Summarize quantities by location.

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

Design Forms and Documentation SBDitchPvmt: Summary of Ditch Pavement and Performance Turf, Sod
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 Section 524

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **524- 2- A** **CONCRETE SLOPE PAVEMENT: NON-REINFORCED** **SY**

- A =
- 1 (3")
- 2 (4")
- 3 (5")
- 4 (6")

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
0524 2 1	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 3"	SY		1/1/2013	
0524 2 2	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 4"	SY		1/1/2013	
0524 2 4	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 6"	SY		1/1/2013	

524- 2- AB CONCRETE SLOPE PAVEMENT: REINFORCED

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes

Details Intended for reinforced slope pavement to protect bridge fill slopes, to line flow channels, and drainage ditches. Refer to 524- 1-xxa for details.

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

Plan Summary Box Summary of Ditch Pavement
Columns may be added or deleted, as necessary. Summarize quantities by location.

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

Design Forms and Documentation SBDitchPvmt: Summary of Ditch Pavement and Performance Turf, Sod
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 Section 524

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **524- 2- AB** **CONCRETE SLOPE PAVEMENT: REINFORCED** **SY**

- A =
- 1 (3")
- 2 (4")
- 3 (5")
- 4 (6")
- B =
- 9 (Reinforced)

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
0524 2 29	CONCRETE SLOPE PAVEMENT, 4", REINFORCED	SY		1/1/2013	
0524 2 49	CONCRETE SLOPE PAVEMENT, 6", REINFORCED	SY		1/1/2013	

524- 3- CONCRETE CORE DITCH BLOCKS

Unit CY; M3 **Accuracy** 1/10 Cubic Yard; 1/10 Cubic Meter **PlanQuantity?** yes

Notes

Details

Cubic Yard item for concrete core ditch blocks to be used ONLY for grass or earth ditches without other ditch pavement. Tabulate each location and cubic yard quantity of concrete in the plans. Plan quantity payment also includes any necessary earthwork.

Do not use this pay item for Ditch Blocks within areas where payment is made for Concrete Ditch Pavement.

Related Items

Required

Recommended

Plan Summary Box

Summary of Ditch Pavement
Columns may be added or deleted, as necessary. Summarize quantities by location.

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

Design Forms and Documentation

SBDitchPvmt: Summary of Ditch Pavement and Performance Turf, Sod
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

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 524- 3- CONCRETE CORE DITCH BLOCKS CY

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
0524 3	CONC CORE DITCH BLOCKS	CY		1/1/2013	

524- 4- 1 CLEANING AND SEALING RANDOM CRACKS IN CONCRETE SLOPE PAVMENT

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

Notes

Details Plan details required to identify locations. Tech Spec needed to detail materials, cleaning, and sealing instructions.

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

Plan Summary Box Summary of Drainage Structures, Summary of Sidedrain, or Summary of Miscellaneous Drainage Items

Summarize quantities by location. Quantity column is for length/area/volume at each location; total quantity column is total for each pay item.

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

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **524- 4- 1** **CLEANING AND SEALING RANDOM CRACKS IN CONCRETE SLOPE PAVMENT** **LF**

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
0524 4 1	CLEANING & SEALING RANDOM CRACKS IN CONCRETE SLOPE PAVEMENT	LF		1/1/2013	

525- 1- ASPHALTIC CONCRETE CURB- To Remain

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details Not intended for temporary or MOT applications. Use in accordance with Index 300.

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

Plan Summary Box Summary of Curb & Gutter and/or Traffic Separators
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 700-050-09: Linear Measure Comp with Components and Cont., or 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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References **PPM Chapter**
Trns-port
Other
Standards Index No. 300
Specifications Section 525

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 525- 1- **ASPHALTIC CONCRETE CURB- To Remain** **LF**

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
0525 1	ASPHALTIC CONCRETE CURB- TO REMAIN	LF		1/1/2013	

526- 1- A PAVERS, ARCHITECTURAL

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** no

Notes

Details

Used for roadway (roadway, commercial driveways) and/or sidewalk (sidewalks, medians, and residential driveway) applications. Refer to the PPM for restricted applications.

Measurement is per square yard, with no deduction for ornamental trees, manholes, inlets, or other public appurtenances within the normal area of the pavers. Refer to the specifications for measurement details.

For Patterned/Textured pavement (asphalt or concrete), use 523 items.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Pavement

Summarize quantities by pay item and location. Quantity column is for area/volume at each location; final quantity column is total for each pay item.

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

Record final quantity on the computation book form.

References

PPM Chapter Vol 1, Ch 2

Trns-port

Other

Standards Index No. 515

Specifications Section 526

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

TRNS*PORT Category (DRAFT FIELD): 0800 Architectural

Struct. 526- 1- A PAVERS, ARCHITECTURAL SY

A =
1 (Roadway)
2 (Sidewalk)

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
0526 1 1	PAVERS, ARCHITECTURAL, ROADWAY	SY		1/1/2013	
0526 1 2	PAVERS, ARCHITECTURAL, SIDEWALK	SY		1/1/2013	

530- 1- RIPRAP- SAND - CEMENT

Unit CY; M3 **Accuracy** 1/10 Cubic Yard; 1/10 Cubic Meter **PlanQuantity?** no

Notes

Details

This item entails the use of sand-cement bags to construct endwalls, provide fill slope protection, and/or provide ditch bottom and ditch slope protection. To be used in accordance with Design Standards.

Note, per specification: Record and show how quantity was arrived at on tabulation form 700-050-56. If sand-cement is proportioned by volume, the sand shall be measured loose in an approved measure prior to mixing with cement. If proportioned by weight, approved scales shall be used for this purpose and the volume shall be calculated using a standard conversion factor for sand of 85 lb/ft³ (1360 kg/m³).

SUMMARY BOX DOCUMENTATION: When used for drainage applications, document quantities on the Summary of Miscellaneous Drainage. When used for endwall/structures applications, document quantities on the Summary of Structures Quantities.

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

COMP 700-050-04: Volume Measure Items and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

Construction Forms and Documentation

700-050-56: Daily Log Sheet Miscellaneous Tabulation Form Site Source Record
Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter
Trns-port
Other
Standards Index No. 258, 268
Specifications Section 530

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 530- 1- RIPRAP- SAND - CEMENT CY

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
0530 1	RIPRAP, SAND-CEMENT	CY		1/1/2013	

530- 3- A RIPRAP- RUBBLE

Unit TN; MT **Accuracy** 1/10 Ton; 1/10 Metric Ton **PlanQuantity?** no

Notes

Details

To be used for bank and shore, bridge abutment, ditch, and outlet structure protection. Refer to Drainage Manual for design criteria. Gradation is given in the specifications.

Design quantity is based on the following: $W = Vol.s \times S.G. \times Ww \times Vf$

W = Weight of Stone (lbs)

Vol.s = Volume of Stone (ft³)

S.G. = Specific Gravity

=2.3 for Bank & Shore Protection

=1.9 for Ditch Lining

Ww = 62.4 lb/ft³ (1 MT/M³) Weight of Water

Vf = .90 (Void Factor)

NOTE: remember to convert weight (LB) to (TN) for unit of measure & payment.

COASTAL SHORE- LARGE BOULDERS: Contact the State Drainage Office, prior to using this item. The standard specifications must be modified to detail the boulder size and specific gravity.

SUMMARY BOX DOCUMENTATION: When used for drainage applications, document quantities on the Summary of Miscellaneous Drainage. When used for endwall/structures applications, document quantities on the Summary of Structures Quantities.

Final measure, per specifications, will be by railroad scales, truck scales, or barge displacement.

Related Items

Required **Recommended** 514-71

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

COMP 700-050-06: Weight Measure or Liquid Volume Comp & Cont.

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

Construction Forms and Documentation

700-050-56: Daily Log Sheet Miscellaneous Tabulation Form Site Source Record

Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter

Trns-port

Other

Standards

Specifications Section 530

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

TRNS*PORT Category (DRAFT FIELD): 0200 or other

Roadway or other- see details

Struct. 530- 3- A

RIPRAP- RUBBLE

TN

A =
3 (Bank & Shore)

- 4 (Ditch Lining)
- 5 (Coastal Shore- Large Boulders) to be used only with approval; see details 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
0530 3 3	RIPRAP- RUBBLE, BANK AND SHORE	TN		1/1/2013	
0530 3 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN		1/1/2013	
0530 3 5	RIPRAP- RUBBLE, COASTAL SHORE- LARGE BOULDERS	TN	M	1/1/2013	
0530 3 9	RIPRAP- RUBBLE, REMOVE EXISTING AND REINSTALL - PUSH BUTTON ONLY	SF		6/11/2014	

530- 4- AA ARTICULATING CONCRETE BLOCK REVETMENT SYSTEM

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes **Effective July 2015, with new specification Section 530. Replaces 530-78.**

Additional thickness variables, upon approval of State Drainage Office.

Details For use with ACB, as described in Section 530 of the specifications.

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

Plan Summary Box Summary of Drainage Structures, Summary of Sidedrain, or Summary of Miscellaneous Drainage Items

Summarize quantities by location. Quantity column is for length/area/volume at each location; total quantity column is total for each pay item.

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 Roadway

Struct. **530- 4- AA** **ARTICULATING CONCRETE BLOCK REVETMENT SYSTEM** **SY**

AA= Thickness
 4 (4")
 6 (6")
 9 (9")

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.

530- 74- BEDDING STONE

Unit TN; MT **Accuracy** 1/10 Ton; 1/10 Metric Ton **PlanQuantity?** no

Notes

Details

Quantities should be based on 115 lbs per cubic foot (1840 kg per cubic meter).

Related Items

Required

Recommended

Plan Summary Box

Summary of Drainage Structures, Summary of Sidedrain, or Summary of Miscellaneous Drainage Items

Summarize quantities by location. Quantity column is for length/area/volume at each location; total quantity column is total for each pay item.

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

Design Forms and Documentation

COMP 700-050-06: Weight Measure or Liquid Volume Comp & Cont.

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

Construction Forms and Documentation

700-050-56: Daily Log Sheet Miscellaneous Tabulation Form Site Source Record

Record final quantity on the tabulation sheet (plans) or computation form (comp book).

References

PPM Chapter

Trns-port

Other

Standards

Specifications Section 530

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

TRNS*PORT Category (DRAFT FIELD): 0200 or other

Roadway or other- see details

Struct. 530- 74-

BEDDING STONE

TN

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
0530 74	BEDDING STONE	TN		1/1/2013	

530- 76- A GABION MAT

Unit SY; M2 **Accuracy** Square Yard; Square Meter **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 Drainage Structures, Summary of Sidedrain, or Summary of Miscellaneous Drainage Items

Summarize quantities by location. Quantity column is for length/area/volume at each location; total quantity column is total for each pay item.

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. **530- 76- A** **GABION MAT** **SY**

- A = Thickness
- 1 (6" Thick)
- 2 (9" Thick)
- 3 (18")
- 4 (12")
- 5 (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
0530 76 1	GABION MAT, 6" THICK	SY	T	1/1/2013	
0530 76 2	GABION MAT, 9" THICK	SY	T	1/1/2013	
0530 76 3	GABION MAT, 18" THICK	SY	T	1/1/2013	
0530 76 4	GABION MAT, 12" THICK	SY	T	1/1/2013	
0530 76 5	GABION MAT, 15" THICK	SY	T	1/1/2013	

530- 77- A GABION BASKET

Unit SY; M2 **Accuracy** Square Yard; Square Meter **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 Drainage Structures, Summary of Sidedrain, or Summary of Miscellaneous Drainage Items
Summarize quantities by location. Quantity column is for length/area/volume at each location; total quantity column is total for each pay item.

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. **530- 77- A** **GABION BASKET** **SY**

- A =
- 1 (12" Thick)
- 2 (36" Thick)
- 3 (30" Thick)
- 4 (18" Thick)

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
0530 77 2	GABION BASKET, 36" THICK	SY	T	1/1/2013	
0530 77 3	GABION BASKET, 30" THICK	SY	T	1/1/2013	
0530 77 4	GABION BASKET, 18" THICK	SY	T	1/1/2013	

530- 78- RIPRAP- ARTICULATING BLOCK

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** no

Notes **Valid through 6-30-14; replaced by pay item 530-4 and new specification Section 530.**

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.

SUMMARY BOX DOCUMENTATION: When used for drainage applications, document quantities on the Summary of Miscellaneous Drainage. When used for endwall/structures applications, document quantities on the Summary of Structures Quantities.

Related Items	Required	Recommended

Plan Summary Box	Summary of Drainage Structures, Summary of Sidedrain, or Summary of Miscellaneous Drainage Items	
	Summarize quantities by location. Quantity column is for length/area/volume at each location; total quantity column is total for each pay item.	

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. 530- 78- RIPRAP- ARTICULATING BLOCK SY

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
0530 78	RIPRAP - ARTICULATING BLOCK	SY	T	1/1/2013	6/30/2015

530- 79- PLASTIC CELLULAR CONFINEMENT SYSTEM

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** no

Notes **Monitor: Larry Ritchie, Larry Jones, and/or Rick Renna**

Details Technical Specifications should be reviewed by Drainage Office, Construction Office, and/or State Geotechnical Engineer.

Intended for permanent erosion control applications. Temporary applications are covered under Section/Items 104. Reinforced Soil Slopes and/or Soft Soil reinforcement covered under Section/Items 145.

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 Drainage Structures, Summary of Sidedrain, or Summary of Miscellaneous Drainage Items
Summarize quantities by location. Quantity column is for length/area/volume at each location; total quantity column is total for each pay item.

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. 530- 79- **PLASTIC CELLULAR CONFINEMENT SYSTEM** **SY**

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.

532- 70- TRACTOR CROSSINGS

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

Notes

Details To be used in accordance with Index 535. Note in plans whether Type A or Type B crossing is required.

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 No additional form required; use plans summary or comp book

References **PPM Chapter**
Trns-port
Other
Standards Index No. 535
Specifications

T

TRNS*PORT Category (DRAFT FIELD):

Struct. **532- 70-** **TRACTOR CROSSINGS** **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
0532 70	TRACTOR CROSSING	EA	T	1/1/2013	

534- 72-1AA SOUND BARRIERS/NOISE WALLS- INCLUDING FOUNDATION

Unit SF; M2 **Accuracy** Square Foot; 1/10 Square Meter **PlanQuantity?** yes

Notes **Effective January 2014, specification changes "Sound Barriers" to "Noise Walls". Pay items will indicate both names for a transition period.**

Details To be used for panel-type concrete sound/noise barrier (wall) construction, in accordance with Section 534.

Walls are coated with either a class 5 or anti-graffiti coating, as shown in the plans. Class 5 coatings are incidental to all new construction. Anti-graffiti coatings are paid separately under Section 563. Show locations and quantities in the plans.

Special details must be included in the plans.

NOTE: Sound/Noise barriers on bridges or MSE wall sections are not covered by this pay item.

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

Plan Summary Box Summary of Permanent Barrier Wall
Summarize quantities 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 Index 5200 Series: Sound/Noise Barrier Data Tables- Includes Summary of Foundations and Wall Quantities, Aesthetic Requirements, and Limits of Anti-Graffiti Coating
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** Vol 1, Chapter 32
Trns-port
Other Structures Design Manual (SDM) Vol 1, Chapters 2 and 3
Standards Effective July 2011- Index 5200
Specifications Section 534

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **534- 72-1AA** **SOUND BARRIERS/NOISE WALLS- INCLUDING FOUNDATION** **SF**

A= Type
01 (Permanent)
02 (Temporary)

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
0534 72101	SOUND/NOISE BARRIER-INC FOUNDATION, PERMANENT	SF		1/1/2013	
0534 72102	SOUND/NOISE BARRIER-INC FOUNDATION, TEMPORARY	SF	T	1/1/2013	

534- 73-	PERIMETER WALL		
Unit	SF; M2	Accuracy	Square Foot; 1/10 Square Meter
		PlanQuantity?	yes

Notes

Details

Effective July 2014:
To be used for perimeter wall construction, in accordance with Index 5250. Includes the cost of the foundation. Measurement for payment is the area bounded by the top of wall, bottom of wall, without deductions for openings. Refer to specification and IDS for additional information.

Through June 2014:
To be used for perimeter wall construction, in accordance with Developmental Design Index D5250. Contact the State Structures Design Office for drawings and details. Also used with Developmental Specification Dev534.

Includes the cost of the foundation (auger cast piles or spread footings when called for in the plans), test wall, etc. Area bounded by top of panel, bottom of panel, without deductions for openings; refer to specs for additional information.

NOTE: There is currently no specific criteria specifying when perimeter walls are justified. This will be a project by project decision based on project demands and resolved by the District.

Related Items

Required

Recommended

Plan Summary Box

Summary of Permanent Barrier Wall
Summarize quantities 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 Chapter 32
Trns-port
Other
Standards 5240
Specifications

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 534- 73- PERIMETER WALL 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
0534 73	PERIMETER WALL	SF		1/1/2013	

**534-Maint SOUND/NOISE BARRIER REPAIR
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. **534-Maint** **SOUND/NOISE BARRIER REPAIR
Maintenance Contracts Only** **Mixed**

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
E534 72 1	SOUND/NOISE BARRIER PANELS, F&I, REPLACE	SF		1/1/2013	
E534 72 2	SOUND/NOISE BARRIER POSTS, F&I, REPLACE, INC FOUNDATION	EA		1/1/2013	

536- 1- AA GUARDRAIL

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Effective July 2014: Refer to 538 items for resetting existing guardrail at new height.

Details

Consists of the construction of metal guardrail on posts of timber or steel, installed in accordance with Index 400. Object markers used for facing reverse lanes of traffic are included in the cost of the guardrail.

Note (through June 2014): Panels are 12.5' (3.810 meters) in length. The plan length of a run of guardrail should normally be determined as a multiple of the nominal panel lengths.

Note (effective July 2014): Panels are 12'-6" and 15'-7.5", as shown on the design standards. Consider the end anchorage assembly length(s) when determining the overall plan length of a run of guardrail; TL-3 end anchorages are 53'-1.5", while TL-2 end anchorages are 40'-7.5" in length.

METHOD OF MEASUREMENT: Guardrail is measured as the "end to end" plan quantity. DO NOT deduct the length of guardrail transition, nested panels, end anchorage assembly, or bridge anchorage assembly. DO NOT tabulate separate guardrail quantities for transition panels, nested panels, or components of the anchorage assemblies.

EXAMPLES:

W-BEAM: If the run of guardrail between the end/barrier/bridge anchorages or guardrail transitions is W-Beam, tabulate the entire length as W-Beam guardrail. Measure as the "end to end" plan quantity.

THRIE BEAM: If the run of guardrail between the end/barrier/bridge anchorages or guardrail transitions is "TL-3 Thrie beam", tabulate the entire length as Thrie Beam guardrail. Measure as the "end to end" plan quantity.

MODIFIED THRIE BEAM: If the run of guardrail between the end/barrier/bridge anchorages or guardrail transitions is "TL-4 Modified Thrie beam", tabulate the entire length as Roadway, Modified Thrie Beam. Measure as the "end to end" plan quantity.

DOUBLE FACED: Plan quantity length, end-to-end, for double faced guardrail will be made along the centerline of the posts. Double Faced guardrail is a single post with panels on two sides.

MIXED TYPES: See Guardrail Calculations on BOE web page for additional examples.

DOCUMENTATION: Document locations in the Summary of Guardrail tabulation box on the plans. Refer to PPM Vol 2, Chapter 7 for details. As noted above, the "end to end" lengths are used for measurement. See Guardrail Calculations on BOE web page for additional examples.

OPERATIONS:

INSTALL ONLY: Plan details are needed to indicate location of panels (FDOT maintenance office, or other) and contact information.

RUB RAIL, PIPE RAIL, and BRIDGE ANCHORAGES: Effective July 2012, rub rail, pipe rail, and bridge anchorages are paid separately; see pay items 536-5, 536-6, and 536-8 for details.

Related Items

Required 339- 1 (2339- 1) **Recommended** 536- 7 and 536- 8 (2536- 7, 2536- 8)

Plan Summary Box

Summary of Guardrail
 Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)
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 Index No. 400, 402
Specifications Section 536

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 536- 1- AA GUARDRAIL LF

A = Primary Type, including "end to end" measured panels of any type. See details above.

1 (Roadway, W-Beam)

3 (Roadway, W-Beam, Double Face)

THRIE BEAM pay items NOT FOR TRANSITION PANELS; see details above

5 (Roadway, Thrie Beam) TL-3 with wood blocks.

9 (Roadway, Thrie Beam, Double Face) TL-3 with wood blocks

11 (Roadway, Modified Thrie Beam) TL-4

12 (Roadway, Modified Thrie Beam, Double Face) TL-4

13 (Roadway, Install only- materials available at FDOT Maintenance Yard)

Refer to Section 460 pay items for structures applications and thrie beam retrofits

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
0536 1 1	GUARDRAIL -ROADWAY	LF		1/1/2013	
0536 1 2	GUARDRAIL- BRIDGE	LF		1/1/2013	
0536 1 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF		1/1/2013	
0536 1 5	GUARDRAIL- ROADWAY, THRIE BEAM	LF		1/1/2013	
0536 1 9	GUARDRAIL- ROADWAY, THRIE BEAM, DOUBLE FACE	LF		1/1/2013	
0536 1 11	GUARDRAIL, ROADWAY, MODIFIED THRIE BEAM	LF		1/1/2013	

0536 1 12	GUARDRAIL, ROADWAY, MODIFIED THRIE BEAM-DOUBLE FACE	LF		1/1/2013
0536 1 13	GUARDRAIL, ROADWAY, INSTALL ONLY- MATERIALS AVAILABLE AT FDOT MAINTENANCE YARD	LF	D	1/1/2013

536- 2- GUARDRAIL- SHOP BENT PANELS

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details Refer to the design standards for use of this item. Per the specifications, payment will be made when the radius of the guardrail installation is such as to require shop bent panels.

Related Items **Required** 339- 1 **Recommended**

Plan Summary Box Summary of Guardrail
Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)
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 Index No. 400
Specifications Section 536

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **536- 2- GUARDRAIL- SHOP BENT PANELS** **LF**

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
0536 2	GUARDRAIL- SHOP-BENT PANELS	LF		1/1/2013	

536- 5- A RUB RAIL FOR GUARDRAIL

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Rub rail is used for guardrail placed on slopes, as shown on the standards. It is mounted 12 inches below the center of the guardrail panel.

Tabulate the length of rub rail in the Summary of Guardrail tabulation box on the plans. Payment will be made for the plan quantity length along the centerline of the posts. When double sided rub rail is needed (median locations), use the pay item for "double sided". DO NOT double the length for measurement along both rub rail faces.

Related Items

Required

Recommended

Plan Summary Box

Summary of Guardrail

Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation

SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)

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):* 0200 Roadway

Struct. 536- 5- A RUB RAIL FOR GUARDRAIL LF

A= Rub Rail Type
1 (Single Sided)
2 (Double Sided)

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
0536 5 1	RUB RAIL FOR GUARDRAIL, SINGLE SIDED	LF		1/1/2013	
0536 5 2	RUBRAIL FOR GUARDRAIL, DOUBLE SIDED	LF		1/1/2013	

536- 6- PIPE RAIL FOR GUARDRAIL

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes

Details

Pipe rail is a pedestrian safety treatment for steel guardrail posts only, per Index 400. Ends shall be tapered down, with the pipe rail end fixture attached to a timber post. Cost of the end fixture is included with the pipe rail. Cost of the timber post is included with the guardrail.

NOTE: Pipe rail is required when the backs of the steel guardrail posts are 4' or less from the near front edge of the pedestrian way or bikeway.

Tabulate the quantity of pipe rail, by station along the centerline of the posts, in the Summary of Guardrail tabulation box on the plans.

GUIDERAIL: Guiderail is not a guardrail component. Refer to Section 515 pay items if a pipe handrail (guiderail) is needed.

Related Items

Required

Recommended

Plan Summary Box

Summary of Guardrail
Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation

SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)
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):* 0200 Roadway

Struct. 536- 6- **PIPE RAIL FOR GUARDRAIL** **LF**

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
0536 6	PIPE RAIL FOR GUARDRAIL	LF		1/1/2013	

536- 7- SPECIAL GUARDRAIL POST

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

Notes

Details

Refer to Index 400 for all types of special posts: timber, steel, and others. Used when culvert, pier footing or other concrete structure precludes normal post installation and special fabrication is required. Specifically excludes posts for double-faced median guardrail. When this item is used, item 536- 1-xxa (2536- 1-xxa) must be used.

Special Posts, as shown in index 400 and 402, are paid under 536-7, only when meeting spec requirement of "special fabrication". Refer to 536-6.2 of the specifications.

"Special Length" posts must be detailed in the plans, along with the vertical depth for installation. Special length posts are paid under item 536-76.

Related Items

Required

Recommended

Plan Summary Box

Summary of Guardrail

Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation

SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)

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. 400

Specifications Section 536

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 536- 7- **SPECIAL GUARDRAIL POST** **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
0536 7	SPECIAL GUARDRAIL POST	EA		1/1/2013	

536- 8- A GUARDRAIL BRIDGE ANCHORAGE ASSEMBLY

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

Notes **Effective January 2014, payment includes barrier delineators for the entire bridge length.**

Details Use when connecting guardrail to a bridge. Includes furnishing and installing special end shoes, wood blocks or retrofit wing posts, concrete anchor posts, thrie beam terminal connectors, backup plates, filler plates, and necessary hardware. Refer to Specifications and Design Standards for additional information.

Per the index, when the attachment overlays the bridge number, the cost of a new sign panel shall be included in the cost of the anchorage assembly.

INSTALL: The install operation is only used when the materials are furnished by FDOT or other maintaining agency.

RELOCATE: Relocate the assembly within the contract limits. Includes the complete removal and reinstallation, as noted in the plans or specifications.

REMOVE: The plans or specs must indicate the disposal or salvage/stockpile instructions. NOTE- Separate payment for removal/disposal is NOT made when incidental to "Removal of Existing Structures".

Related Items **Required** 536- 1- AA **Recommended**

Plan Summary Box Summary of Guardrail
Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)
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. 402
Specifications Section 536

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **536- 8- A** **GUARDRAIL BRIDGE ANCHORAGE ASSEMBLY** **EA**

A = Operation
Blank (Furnish & Install)
1 (Install)
3 (Relocate)
6 (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
0536 8	GUARDRAIL- BRIDGE ANCHORAGE ASSEMBLY, FURNISH & INSTALL	EA		1/1/2013	
0536 8 1	GUARDRAIL, BRIDGE ANCHORAGE ASSEMBLY, INSTALL	EA		1/1/2013	
0536 8 3	GUARDRAIL, BRIDGE ANCHORAGE ASSEMBLY, RELOCATE	EA		1/1/2013	
0536 8 6	GUARDRAIL, BRIDGE ANCHORAGE ASSEMBLY, REMOVE	EA		1/1/2013	

536- 10- ABB GUARDRAIL REPAIR/REPLACEMENT

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

Notes **FOR MAINTENANCE USE ONLY.**
No separate payment for reflector units on construction contracts; costs are included in related work.

Details For construction applications, refer to specifications. Reflector elements are included in the related work. No separate payment.

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

Plan Summary Box Summary of Guardrail
Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)
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):* 0200 Roadway

Struct. **536- 10- ABB** **GUARDRAIL REPAIR/REPLACEMENT** **Mixed**

Operation
4 (Replace)
B= Component Item
01 (Reflector)

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.

536- 73- GUARDRAIL REMOVAL

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

Notes

Details

For single run, double face guardrail: measurement and payment are based on the single run length. Refer to specification for details. (Do not double the centerline length for double face guardrail.)

Payment includes disposition of the guardrail, as specified in the plans.

SUMMARY BOX: Add a column to the Summary of Guardrail for this item. Summarize by location. Use Design notes to indicate whether guardrail is to be disposed or stockpiled.

DO NOT USE this item for guardrail to be reset.

Related Items

Required

Recommended

Plan Summary Box

Summary of Guardrail

Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation

SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)

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. 400

Specifications Section 536

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 536- 73- GUARDRAIL REMOVAL LF

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
0536 73	GUARDRAIL REMOVAL	LF		1/1/2013	

536- 82- GUARDRAIL- CONCRETE BARRIER ANCHORAGE ASSEMBLY

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

Notes **DO NOT USE FOR BRIDGE ANCHORAGE.**

Details Independent stand alone anchorage to be used between guardrail and a concrete barrier. Includes furnishing and installing special end shoes, wood blocks, thrie beam terminal connectors, backup plates, and necessary hardware. Refer to Index 400 and 410 of the Design Standards for additional information.

See pay item 536-8 for bridge anchorages.

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

Plan Summary Box Summary of Guardrail
Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)
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. 400, 410
Specifications Section 536

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **536- 82- GUARDRAIL- CONCRETE BARRIER ANCHORAGE EA**
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
0536 82	GUARDRAIL ANCHORAGE- CONCRETE BARRIER	EA		1/1/2013	

536- 83- A GUARDRAIL POST REPLACEMENT

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

Notes

Details

This item is for maintenance and repair use only.

To be used in accordance with Index 400.

Related Items

Required

Recommended

Plan Summary Box

Summary of Guardrail

Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation

SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)

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. 400

Specifications Section 536

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 536- 83- A GUARDRAIL POST REPLACEMENT EA

- A =
- 1 (Regular)
- 3 (Steel In Concrete, Regular)
- 4 (Steel In Asphalt, Regular)
- 5 (Steel In Soil, Regular)
- 6 (Wooden In Asphalt, Regular)
- 7 (Wooden In Soil, Regular)

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
0536 83 1	GUARDRAIL POST REPLACEMENT, REGULAR	EA		1/1/2013	

536- 85- AA GUARDRAIL END ANCHORAGE ASSEMBLY

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

Notes

Details

Includes furnishing and installing all necessary hardware, as shown in Standard Index 400.

End anchorage is paid per each. Refer to 536-1 for limits of guardrail payment; DO NOT tabulate guardrail components separately for the end anchorage assembly.

Related Items

Required 536- 1 **Recommended**

Plan Summary Box

Summary of Guardrail
Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation

SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)
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. 400
Specifications Section 536

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 536- 85- AA GUARDRAIL END ANCHORAGE ASSEMBLY EA

- AA =
- 22 (Flared)
- 24 (Parallel)
- 25 (Type II)
- 26 (Type CRT)
- 27 (Double Face Terminal)

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
0536 85 22	GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED	EA		1/1/2013	
0536 85 24	GUARDRAIL END ANCHORAGE ASSEMBLY- PARALLEL	EA		1/1/2013	
0536 85 25	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE II	EA		1/1/2013	

0536 85 26	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE CRT	EA	1/1/2013
0536 85 27	GUARDRAIL END ANCHORAGE ASSEMBLY- DOUBLE FACE TERMINAL	EA	1/1/2013

E536 3142	GUARDRAIL STANDARD PANEL (REPLACE) (0' - 50')	LF	1/1/2013
E536 3143	GUARDRAIL STANDARD PANEL (REPLACE) (51' - 200')	LF	1/1/2013
E536 3144	GUARDRAIL STANDARD PANEL (REPLACE) (> 200')	LF	1/1/2013
E536 3232	GUARDRAIL THRIE BEAM (F&I) (0' - 50')	LF	1/1/2013
E536 3240	GUARDRAIL THRIE BEAM (REPLACE)	LF	1/1/2013
E536 3242	GUARDRAIL THRIE BEAM (REPLACE) (0' - 50')	LF	1/1/2013
E536 3342	GUARDRAIL BOX BEAM (REPLACE) (0' - 50')	LF	1/1/2013
E536 3343	GUARDRAIL BOX BEAM (REPLACE) (51' - 200')	LF	1/1/2013
E536 3432	GUARDRAIL RUB RAIL (F&I) (0' - 50')	LF	1/1/2013
E536 3532	GUARDRAIL (PIPE RAIL SAFETY) (F&I) (0' - 50')	LF	1/1/2013
E536 3540	GUARDRAIL (PIPE RAIL SAFETY) (REPLACE)	LF	1/1/2013
E536 3642	GUARDRAIL DOUBLE FACE (REPLACE) (0' - 50')	LF	1/1/2013
E536 3643	GUARDRAIL DOUBLE FACE (REPLACE) (51' - 200')	LF	1/1/2013
E536 3644	GUARDRAIL DOUBLE FACE (REPLACE) (> 200')	LF	1/1/2013
E536 5 1	THRIE BEAM (TERMINAL CONNECTOR)	EA	1/1/2013
E536 5 2	THRIE BEAM (RAIL SPLICE)	EA	1/1/2013
E536 5 3	THRIE BEAM (TRANSITION SECTION)	EA	1/1/2013
E536 5 4	THRIE BEAM (MODIFIED OFFSET BLOCK)	EA	1/1/2013
E536 6 45	END ANCHORAGE ASSEM (REPLACE) (TYPE ET 2000)	EA	1/1/2013
E536 6 46	END ANCHORAGE ASSEM (REPLACE) (BRIDGE)	EA	1/1/2013
E536 6 47	END ANCHORAGE ASSEM (REPLACE) (BARRIER WALL)	EA	1/1/2013
E536 6 48	END ANCHORAGE ASSEM (REPLACE) (TYPE SRT-350)	EA	1/1/2013
E536 6 61	END ANCHORAGE ASSEM (F&I) (TYPE II)	EA	1/1/2013
E536 6412	END ANCHORAGE ASSEM (REPLACE) (TYPE MELT)	EA	1/1/2013
E536 6414	END ANCHORAGE ASSEM (REPLACE) (TYPE SRT-350/8)	EA	1/1/2013
E536 6422	END ANCHORAGE ASSEM (REPLACE) (FLARED)	EA	1/1/2013
E536 6424	END ANCHORAGE ASSEM (REPLACE) (PARALLEL)	EA	1/1/2013
E536 12601	GUARDRAIL REPAIRS (REPLACE) (METAL BLOCK)	EA	1/1/2013

E536 12602	GUARDRAIL REPAIRS (REPLACE) (WOOD BLOCK)	EA	1/1/2013
E536 12603	GUARDRAIL REPAIRS (REPL) (PLASTIC BLOCK)	EA	1/1/2013
E536 12604	GUARDRAIL REPAIRS (REPLACE) (STEEL POST IN CONC.)	EA	1/1/2013
E536 12605	GUARDRAIL REPAIRS (REPLACE) (STEEL POST IN ASPH.)	EA	1/1/2013
E536 12606	GUARDRAIL REPAIRS (REPLACE) (STEEL POST IN SOIL)	EA	1/1/2013
E536 12608	GUARDRAIL REPAIRS (REPLACE) (WOOD POST IN ASPH.)	EA	1/1/2013
E536 12609	GUARDRAIL REPAIRS (REPLACE) (WOOD POST IN SOIL)	EA	1/1/2013
E536 12611	GUARDRAIL REPAIRS (REPLACE) (REFLECTORS)	EA	1/1/2013
E536 12613	GUARDRAIL REPAIRS (REPLACE) (RUB RAIL)	EA	1/1/2013
E536 12615	GUARDRAIL REPAIRS (REPLACE) (FILLER BLOCKS)	EA	1/1/2013
E536 12616	GUARDRAIL REPAIRS(REPLACE)(OFFSET BLOCK)	EA	1/1/2013
E536 12617	GUARDRAIL REPAIRS(REPLACE)(PANEL, 12-1/2')	EA	1/1/2013
E536 12618	GUARDRAIL REPAIRS(REPLACE)(PANEL, 25')	EA	1/1/2013
E536 12619	GUARDRAIL REPAIRS (REPLACE) (TRIE-BEAM PANEL, 12-1/2')	EA	1/1/2013
E536 12620	GUARDRAIL REPAIRS (REPLACE) (TRIE-BEAM PANEL, 25')	EA	1/1/2013
E536 15	MISCELLANEOUS GUARDRAIL MAINTENANCE	LF	1/1/2013
E536 65	END ANCHORAGE ASSEM (REMOVE)	EA	1/1/2013
E536301501	END ANCHOR ASSEM TYPE II (REPL FLARED END SECT)	EA	1/1/2013
E536301502	END ANCHOR ASSEM TYPE II (REPL ROUND END SECT)	EA	1/1/2013
E536301503	END ANCHOR ASSEM TYPE II (REPL BUFFER END SECT)	EA	1/1/2013
E536301506	END ANCHOR ASSEM TYPE II (REPL GUARDRAIL BEAM)	EA	1/1/2013
E536301508	END ANCHOR ASSEM TYPE II (REPL TIMBER BREAK POST)	EA	1/1/2013
E536302503	END ANCHOR ASSEM TYPE IV (REPL BUFFER END SECT)	EA	1/1/2013
E536302504	END ANCHOR ASSEM TYPE IV (REPL ANCHOR PANEL SECT)	EA	1/1/2013
E536302505	END ANCHOR ASSEM TYPE IV (REPL CABLE ASSEMBLY)	EA	1/1/2013

E536302506	END ANCHOR ASSEM TYPE IV (REPL STEEL TUBE & POST)	EA	1/1/2013
E536302507	END ANCHOR ASSEM TYPE IV (REPL ANCHOR PLATE)	EA	1/1/2013
E536302508	END ANCHOR ASSEM TYPE IV (REPL TIMBER BREAK POST)	EA	1/1/2013
E536303503	END ANCHOR ASSEM CRT (REPL BUFFER END SECTION)	EA	1/1/2013
E536303508	END ANCHOR ASSEM CRT (REPL TIMBER BREAK POST)	EA	1/1/2013
E536304501	END ANCHOR ASSEM MELT (REPL CABLE ASSEMBLY)	EA	1/1/2013
E536304502	END ANCHOR ASSEM MELT (REPL DIAPHRAM PLATE)	EA	1/1/2013
E536304503	END ANCHOR ASSEM MELT (REPL AMBER REFL SHEET)	EA	1/1/2013
E536304504	END ANCHOR ASSEM MELT (REPL BEARING PLATE)	EA	1/1/2013
E536304505	END ANCHOR ASSEM MELT (REPL SHORT TMBR BRK POST)	EA	1/1/2013
E536304506	END ANCHOR ASSEM MELT (REPL STEEL TUBE SOIL PLT)	EA	1/1/2013
E536304507	END ANCHOR ASSEM MELT (REPL BUFFER END SECTION)	EA	1/1/2013
E536304508	END ANCHOR ASSEM MELT (REPL SHELF ANGLE)	EA	1/1/2013
E536304509	END ANCHOR ASSEM MELT (REPL STRUT & YOKE ASSEM)	EA	1/1/2013
E536304510	END ANCHOR ASSEM MELT (REPL TMBR BRK LINE POST)	EA	1/1/2013
E536304511	END ANCHOR ASSEM MELT (REPL GUARDRAIL BEAM)	EA	1/1/2013
E536305501	END ANCHOR ASSEM ET-2000 (REPL TIMBER BRK POST)	EA	1/1/2013
E536305502	END ANCHOR ASSEM ET-2000 (REPL SOIL PLATE)	EA	1/1/2013
E536305503	END ANCHOR ASSEM ET-2000 (REPL CABLE ANCHOR)	EA	1/1/2013
E536305504	END ANCHOR ASSEM ET-2000 (REPL OFFSET STRUT)	EA	1/1/2013
E536305505	END ANCHOR ASSEM ET-2000 (REPL BEARING PLATE)	EA	1/1/2013
E536305506	END ANCHOR ASSEM ET-2000 (REPL G-RAIL EXTRUDER)	EA	1/1/2013
E536305507	END ANCHOR ASSEM ET-2000 (REPL STEEL TUBE/POST)	EA	1/1/2013
E536305508	END ANCHOR ASSEM ET-2000 (REPL GUARDRAIL BEAM)	EA	1/1/2013

E536306501	END ANCHOR ASSEM BRIDGE (REPL SPECIAL END SHOE)	EA	1/1/2013
E536306503	END ANCHOR ASSEM BRIDGE (REPL TIMBER FILL BLOCK)	EA	1/1/2013
E536306504	END ANCHOR ASSEM BRIDGE (REPL GUARDRAIL BEAM)	EA	1/1/2013
E536306506	END ANCHOR ASSEM BRIDGE (REPL CONC ANCHOR BLOCK)	EA	1/1/2013
E536306509	END ANCHOR ASSEM BRIDGE (REPL ANCHOR PANEL SECT)	EA	1/1/2013
E536307503	END ANCHOR ASSEM BARRIER (REPL TIMBER FILL BLOCK)	EA	1/1/2013
E536308213	END ANCHOR ASSEM SRT-350 (INSTALL END SHOE)	EA	1/1/2013
E536308501	END ANCHOR ASSEM SRT-350 (REPL CABLE ASSEMBLY)	EA	1/1/2013
E536308502	END ANCHOR ASSEM SRT-350 (REPL DIAPHRAM PLATE)	EA	1/1/2013
E536308503	END ANCHOR ASSEM SRT-350 (REPL AMBER REFL SHEET)	EA	1/1/2013
E536308504	END ANCHOR ASSEM SRT-350 (REPL BEARING PLATE)	EA	1/1/2013
E536308505	END ANCHOR ASSEM SRT-350 (REPL TIMBER BREAK POST)	EA	1/1/2013
E536308506	END ANCHOR ASSEM SRT-350 (REPL STEEL TUBE/PLATE)	EA	1/1/2013
E536308507	END ANCHOR ASSEM SRT-350 (REPL BUFFER END SECT)	EA	1/1/2013
E536308508	END ANCHOR ASSEM SRT-350 (REPL SHELF ANGLE)	EA	1/1/2013
E536308509	END ANCHOR ASSEM SRT-350 (REPL STRUT & YOKE ASSM)	EA	1/1/2013
E536308510	END ANCHOR ASSEM SRT-350 (REPL TIMBER LINE POST)	EA	1/1/2013
E536308511	END ANCHOR ASSEM SRT-350 (REPL GUARDRAIL BEAM)	EA	1/1/2013
E536308514	END ANCHOR ASSEM SRT-350 (REPL SLOT GUARD)	EA	1/1/2013
E536308517	END ANCHOR ASSEM SRT-350 (REPL BRK TRM POST SLV)	EA	1/1/2013
E536309506	END ANCH ASSEM BEST (REPL GUARDRAIL BEAM)	EA	1/1/2013
E536309510	END ANCHOR ASSEM BEST (REPL CABLE ASSEMBLY)	EA	1/1/2013
E536312501	END ANCHOR ASSEM LET (REPL TIMBER BREAK POST)	EA	1/1/2013
E536312503	END ANCHOR ASSEM LET (REPL CABLE ANCHOR ASSEM)	EA	1/1/2013

E536312506	END ANCHOR ASSEM LET (REPL GUARDRAIL EXTRUDER)	EA	1/1/2013
E536312507	END ANCHOR ASSEM LET (REPL STEEL TUBE/POST)	EA	1/1/2013
E536313508	END ANCHOR ASSEMBLY SKT-350 (REPL GUARDRAIL BEAM)	EA	1/1/2013
E536313509	END ANCHOR ASSEMBLY SKT-350 (REPL MISC HARDWARE)	EA	1/1/2013
E536313514	END ANCHOR ASSEMBLY SKT-350 (REPL IMPACT HEAD)	EA	1/1/2013
E536314501	END ANCHOR ASSEM SRT-350/8 (REPL CABLE ASSEMBLY)	EA	1/1/2013
E536314503	END ANCHOR ASSEM SRT-350/8 (REPL AMBER REFL SHT)	EA	1/1/2013
E536314504	END ANCHOR ASSEM SRT-350/8 (REPL BEARING PLATE)	EA	1/1/2013
E536314505	END ANCHOR ASSEM SRT-350/8 (REPL TIMBER BRK POST)	EA	1/1/2013
E536314506	END ANCHOR ASSEM SRT-350/8 (REPL STEEL TUBE/PLT)	EA	1/1/2013
E536314507	END ANCHOR ASSEM SRT-350/8 (REPL BUFFER END SECT)	EA	1/1/2013
E536314509	END ANCHOR ASSEM SRT-350/8 (REPL STRUT/YOKE ASSM)	EA	1/1/2013
E536314510	END ANCHOR ASSEM SRT-350/8 (REPL TMBR LINE POST)	EA	1/1/2013
E536314511	END ANCHOR ASSEM SRT-350/8 (REPL GUARDRAIL BEAM)	EA	1/1/2013
E536314514	END ANCHOR ASSEM SRT-350/8 (REPL SLOT GUARD)	EA	1/1/2013
E536315503	END ANCHOR ASSEM REGENT (REPL AMBER REFL SHEET)	EA	1/1/2013
E536315508	END ANCHOR ASSEM REGENT (REPL SHELF ANGLE)	EA	1/1/2013
E536315509	END ANCHOR ASSEM REGENT (REPL STRUT & YOKE ASSEM)	EA	1/1/2013
E536315510	END ANCHOR ASSEM REGENT (REPL TIMBER LINE POST)	EA	1/1/2013
E536315515	END ANCHOR ASSEM REGENT (REPL FACE PLATE WELDMNT)	EA	1/1/2013
E536315516	END ANCHOR ASSEM REGENT (REPL BEARING SLEEVE ASM)	EA	1/1/2013
E536315517	END ANCHOR ASSEM REGENT (REPL C BRACKET)	EA	1/1/2013
E536316501	END ANCHOR ASSEMBLY FLEAT-350 (REPL TMBR BRKWAY POST)	EA	1/1/2013
E536316503	END ANCHOR ASSEMBLY FLEAT-350 (REPL CABLE ANCHOR ASSY)	EA	1/1/2013

E536316504	END ANCHOR ASSEMBLY FLEAT-350 (REPL GROUND STRUT)	EA	1/1/2013
E536316505	END ANCHOR ASSEMBLY FLEAT-350 (REPL BEARING PLATE)	EA	1/1/2013
E536316508	END ANCHOR ASSEMBLY FLEAT-350 (REPL GUARDRAIL BEAM)	EA	1/1/2013
E536316509	END ANCHOR ASSEMBLY FLEAT-350 (REPL MISC HARDWARE)	EA	1/1/2013
E536316510	END ANCHOR ASSEMBLY FLEAT-350 (REPL FOUND SOIL TUBE)	EA	1/1/2013
E536316511	END ANCHOR ASSEMBLY FLEAT-350 (REPL PIPE SLEEVE)	EA	1/1/2013
E536316512	END ANCHOR ASSEMBLY FLEAT-350 (REPL ANCHOR BRACKET)	EA	1/1/2013
E536316514	END ANCHOR ASSEMBLY FLEAT-350 (REPL IMPACT HEAD)	EA	1/1/2013
E536317	END ANCHORAGE ASSEMBLY (REGENT C) COMPLETE	EA	1/1/2013
E536317511	END ANCHORAGE ASSEMBLY (REGENT C) GUARDRAIL BEAM	EA	1/1/2013
E536322501	END ANCHOR ASSEM FLARED (REPL FLARED END SECT)	EA	1/1/2013
E536322502	END ANCHOR ASSEM FLARED (REPL ROUND END SECT)	EA	1/1/2013
E536322503	END ANCHOR ASSEM FLARED (REPL BUFFER END SECT)	EA	1/1/2013
E536322506	END ANCHOR ASSEM FLARED (REPL GUARDRAIL BEAM)	EA	1/1/2013
E536322508	END ANCHOR ASSEM FLARED (REPL TIMBER BREAK POST)	EA	1/1/2013
E536322511	END ANCHOR ASSEM FLARED (REPL SPECIAL END SHOE)	EA	1/1/2013
E536322515	END ANCHOR ASSEM FLARED (REPL AMBER REFLECT SHEET)	EA	1/1/2013
E536322517	END ANCHOR ASSEM FLARED (REPL SHORT TIMBR BREAK POST)	EA	1/1/2013
E536324506	END ANCHOR ASSEM PARALLEL (REPL GUARDRAIL BEAM)	EA	1/1/2013
E536324511	END ANCHOR ASSEM PARALLEL (REPL SPECIAL END SHOE)	EA	1/1/2013
E536324515	END ANCHOR ASSEM PARALLEL (REPL AMBER REFLECT SHEET)	EA	1/1/2013
E536324517	END ANCHOR ASSEM PARALLEL (REPL SHORT TIMBR BREAK POST)	EA	1/1/2013

538- 1- GUARDRAIL- RESET

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

Notes **Effective July 2014: Reset existing guardrail to new mounting height of 25" (2'-1"). See details below.**

Details Consists of the removal of existing guardrail and resetting of the salvaged guardrail along with necessary new materials. Locations of the existing and proposed guardrail must be shown in the plans. Coordinate the use of this item with District Maintenance Office.

Bridge Traffic Railing Retrofits: This pay item may be used in accordance with the Instructions for Design Standards, Index 403.

Misc. Asphalt, when needed, will be paid under Section 339-.

Additional notes, effective with July 2014 lettings and later.

* 25" (2'-1") mounting height instructions are applicable for new guardrail, as well as resetting due to widening, reconstruction, or other operations.

* No change will be made to existing guardrail unaffected by construction operations, such as milling and resurfacing projects.

* Maintenance will reset guardrail to existing height, unless otherwise directed from the State Maintenance Office.

* Additional length/panels due to end anchorage assembly or design standard index changes will be paid as new guardrail, per LF. Refer to design standards and pay item 536-1-.

* End Anchorage assemblies for reset guardrail will be paid per each, whether panels are new or reset.

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

Plan Summary Box Summary of Guardrail
Summarize quantities by location. Columns may be added or deleted, as necessary.

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

Design Forms and Documentation SBGuardrail: Summary of Guardrail (Includes Pipe Rail, Rub Rail, End Anchorage Assembly, etc.)
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. 400, 403
Specifications Section 538

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **538- 1- GUARDRAIL- RESET** **LF**

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
0538 1	GUARDRAIL RESET	LF		1/1/2013	

539- 75-ABC GLARE SCREEN

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

Notes

Details

Material and installation requirements are needed for project specific conditions.

This item is for permanent installations only. For temporary installations (during construction/maintenance contract), see MOT Section 102 items.

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 Permanent Barrier Wall
Summarize quantities 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 700-050-09: Linear Measure Comp with Components and Cont., or 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 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): 0200 Roadway

Struct. 539- 75-ABC GLARE SCREEN LF

- A = Operation
- 1 (Furnish & Install)
- 3 (Install) BC=00
- 4 (Remove) BC=00
- 6 (Relocate) BC=00
- B = Material
- 1 (Modular)
- C = Height
- 1 (18")
- 2 (24")
- 3 (30")

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
0539 75113	GLARE SCREEN , F&I, MODULAR, 30"	LF	T	1/1/2013	
0539 75400	GLARE SCREEN, REMOVE	LF	T	1/1/2013	
0539 75600	GLARE SCREEN, RELOCATE	LF	T	1/1/2013	

Notes *Only concrete option included on design standard

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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
0539 80111	OPAQUE VISUAL BARRIER, F&I, CONCRETE, 2'3" HT	LF		1/1/2013	

540- PENDING: HIGH TENSION CABLE BARRIER SYSTEM WITH ANCHORS

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

Notes **Future item; refer to developmental item 904-540-xx1**

Details

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

Plan Summary Summary of Guardrail
Box Summarize quantities by location. Columns may be added or deleted, as necessary.

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 No additional form required; use plans summary or comp book

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

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **540- PENDING: HIGH TENSION CABLE BARRIER SYSTEM LF**
 WITH ANCHORS

pending

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.

**540-Maint CABLE BARRIER- 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. **540-Maint** **CABLE BARRIER- 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
E540 0 0	CABLE BARRIER INSPECTION	LS		1/1/2013	
E540 0 21	CABLE BARRIER SOCKET POST SYSTEM REPAIR/REPLACE INCLUDES ALL INCIDENTAL PARTS	LF		1/1/2013	
E540 0 22	PRE-STRETCHED GALVANIZED WIRE ROPE, INC INCIDENTALS TURNBUCKLES, TESTING AND RETENTIONING	LF		1/1/2013	
E540 0 23	CABLE BARRIER LINE POST, INC ALL INCIDENTALS SOCKETS, SHEETING, CAPS, ETC.	EA		1/1/2013	
E540 0 24	CABLE BARRIER TRANS TERMN POST REPAIR, INC INCIDENTALS FOUNDATION, POST, SOCKET, PINS, ETC	EA		1/1/2013	

E540 0 25	END ANCHOR REPAIR/REPLACE INCLUDES ALL INCIDENTALS FOUNDATION, GATING END TERMINALS & ASSOC HARDWARE	EA	1/1/2013
E540 0 26	CABLE BARRIER HAIRPIN AND LOCKPLATE ASSEMBLY	EA	1/1/2013
E540 0 31	CABLE BARRIER DRIVEN POST SYSTEM REPAIR/REPLACE INCLUDES ALL INCIDENTAL PARTS	LF	1/1/2013
E540 3 1	GIBRALTAR TL 3 LINE POST REP INCL HAIRPIN & LOCKPLATE	EA	1/1/2013
E540 3 11	GIBRALTAR TL 3 LINE POST REP >4 INCL HAIRPIN & LOCKPLATE	EA	1/1/2013
E540 3 2	GIBRALTAR TERMINAL POST REP (INCL 1, 2, 3 & 4)	EA	1/1/2013
E540 3 3	GIBRALTAR ANCHOR POST REPLACEMENT	EA	1/1/2013
E540 1 01	CABLE SAFETY BARRIER (BRIFEN) STANDARD POST REPLACEMENT	EA	1/1/2013
E540 1 02	CABLE SAFETY BARRIER (BRIFEN) STANDARD POST REPLACEMENT > 4	EA	1/1/2013
E540 2 01	CABLE SAFETY BARRIER (CASS) STANDARD POST REPLACEMENT	EA	1/1/2013
E540 2 02	CABLE SAFETY BARRIER (CASS) STANDARD POST REPLACEMENT >4 POS	EA	1/1/2013
E540 2 07	CABLE SAFETY BARRIER (CASS) END POST REPLACEMENT	EA	1/1/2013
E540 2 08	(CABLE SAFETY BARRIER) (CASS) EYE POST REPLACEMENT	EA	1/1/2013
E540 2 09	(CABLE SAFETY BARRIER) (CASS) GUARDRAIL SECTION REPLACEMENT	EA	1/1/2013
E540 3 01	CABLE SAFETY BARRIER (SAFENCE) STANDARD POST REPLACEMENT	EA	1/1/2013
E540 3 02	CABLE SAFETY BARRIER (SAFENCE) STANDARD POST REPLACEMENT > 4	EA	1/1/2013

542- 70- CONCRETE BUMPER GUARD

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

Notes

Details

Parking space bumper, used in rest areas, service plazas, etc. Concrete bumper guard dimensions are shown on index 300. The Designer should coordinate the design standard and/or plan details as needed.

If other materials are acceptable, contact the Basis of Estimates Coordinator for pay item(s).

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. 300

Specifications

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

TRNS*PORT Category (DRAFT FIELD): 0200 or other Roadway or other- see details

Struct. 542- 70- CONCRETE BUMPER GUARD 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
0542 70	BUMPER GUARDS, CONCRETE	EA		1/1/2013	

544- 74- AA RELOCATE CRASH CUSHION

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

Notes

Details

Items to be relocated/installed in accordance with the Design Standards and/or manufacturer's instructions.

Effective July 2012: The only pay item will be "Optional". Per the PPM, the designer may limit valid options in the plans only when location specific conditions exist. Refer to design standard for guidance.

Related Items

Required

Recommended

Plan Summary Box

Summary of Permanent Crash Cushions

Details must be provided for each location. Update pay item based on capacity/non-capacity project type.

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

Design Forms and Documentation

SBCushion: Summary of Permanent Crash Cushions

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. 430, valid through June 2012

Specifications

Section 544

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 544- 74- AA RELOCATE CRASH CUSHION EA

AA= Type, valid after 7-1-2012
40 (Optional)

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
0544 74 40	RELOCATE CRASH CUSHION - ALL OPTIONS	EA		1/1/2013	

544- 75- AA CRASH CUSHION

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

Notes

Details

Refer to Plans Preparation Manual and Design Standards prior to selecting a specific option. Items are to be installed in accordance with Standards and/or manufacturer's instructions. All items must be listed on QPL, per specifications.

Through December 2011: Separate payment will be made for parts +% for repairs/restoration, as needed during construction.

Effective January 2012: Refer to Estimates Bulletin 11-10 and Mandatory Specification change. Special Provision SP5440400 and pay item structure 544-75-1AA will be used for projects with less than 50 crash cushions and one of the following mix types: Add Lanes and Reconstruction, Add Lanes and Rehab Pavement, Interchanges and New Road Construction.

Effective July 2012: The only pay item will be "Optional". The designer may limit valid options, when location specific conditions exist. Refer to design standard for guidance.

MULTIPLE PROJECTS ON ONE CONTRACT: If any project within a contract is a capacity project, ALL projects will be considered capacity projects. DO NOT USE both temporary , or both permanent pay items on a contract. (Remember: the specifications will apply equally to all projects on a contract.)

Related Items

Required

Recommended

Plan Summary Box

Summary of Permanent Crash Cushions

Details must be provided for each location. Update pay item based on capacity/non-capacity project type.

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

Design Forms and Documentation

SBCushion: Summary of Permanent Crash Cushions

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, Chapter 4

Trns-port

Other

Standards Index No. 430, valid through June 2012

Specifications Section 544

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

TRNS*PORT Category (DRAFT FIELD): 0200

Roadway

Struct. 544- 75- AA

CRASH CUSHION

EA

AA= Type
1 (Optional)

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
0544 75 1	CRASH CUSHION	EA		1/1/2014	

**544-Maint CRASH CUSHION-
Maintenance Contracts Only**

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

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): 0200 Roadway

Struct. **544-Maint** **CRASH CUSHION-
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.

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
E544 8 1	CRASH CUSHION STANDARD PERIODIC INSPECTION TYPE I & II	EA		1/1/2013	
E544 8 2	CRASH CUSHION STANDARD MAINT (CLEAN, ADJ MAINTAIN)	EA		1/1/2013	
E544 8 3	CRASH CUSHION HAZARD NEUTRALIZATION	EA		1/1/2013	
E544 8 4	CRASH CUSHION DAMAGE ASSESSMENT	EA		1/1/2013	
E544 8 5	CRASH CUSHION DAMAGE RESTORATION	EA		1/1/2013	
E544 75500	05 TRACC CRASH CUSHION	EA		1/1/2013	
E544 75501	05 TRACC NOSEPIECE / REFLECTIVE SHEETING	EA		1/1/2013	
E544 75502	05 TRACC SLED / SHREDDER ASSEMBLY	EA		1/1/2013	

E544 75503	05 TRACC FRAME ASSEMBLY	EA	1/1/2013
E544 75504	05 TRACC BACKUP FRAME ASSEMBLY	EA	1/1/2013
E544 75505	05 TRACC FENDER 1 BAY (35")	EA	1/1/2013
E544 75506	05 TRACC FENDER 2 BAY (62")	EA	1/1/2013
E544 75507	05 TRACC FRONT ANCHOR WELDMENT	EA	1/1/2013
E544 75508	05 TRACC CROSSTIE WELDMENT	EA	1/1/2013
E544 75509	05 TRACC BASE ANGLE X 72"	EA	1/1/2013
E544 75510	05 TRACC BEAM GUIDE X 72"	EA	1/1/2013
E544 75511	05 TRACC DOUBLER PLATE	EA	1/1/2013
E544 75512	05 TRACC RIP PLATE KIT STAGE 1	EA	1/1/2013
E544 75513	05 TRACC RIP PLATE KIT STAGE 2	EA	1/1/2013
E544 75514	05 TRACC RIP PLATE KIT STAGE 3	EA	1/1/2013
E544 75515	05 TRACC RIP PLATE KIT STAGE 4	EA	1/1/2013
E544 75516	05 TRACC TRANSITION TO BARRIER WALL UNI-DIRECTIONAL	EA	1/1/2013
E544 75517	05 TRACC TRANSITION TO BARRIER WALL BI-DIRECTIONAL	EA	1/1/2013
E544 75518	05 TRACC TRANSITION TO W BEAM MEDIAN	EA	1/1/2013
E544 75519	05 TRACC ANCHOR KIT	EA	1/1/2013
E544 76 1	CRASH CUSHION (RESET)	EA	1/1/2013
E544 76 2	CRASH CUSHION (CLEAN & INSPECT)	EA	1/1/2013
E544031001	ATTENUATOR (QUADGUARD) F&I (FENDER PANEL)	EA	1/1/2013
E544031020	ATTENUATOR (QUADGUARD) F&I (DIAPHRAM)	EA	1/1/2013
E544031026	ATTENUATOR (QUADGUARD) F&I (SIDE PANEL CONC CON)	EA	1/1/2013
E544031027	ATTENUATOR (QUADGRARD) F&I (HAZARD RFLT-9 BUTTON)	EA	1/1/2013
E544031032	ATTENUATOR (QUADGUARD) F&I (TRANS PANEL ASSEMBLY)	EA	1/1/2013
E544031039	ATTENUATOR (QUADGUARD) F&I (CARTRIDGE ASSEMBLY)	EA	1/1/2013
E544031040	ATTENUATOR (QUADGUARD) F&I (NOSE ASSEMBLY)	EA	1/1/2013
E544031041	ATTENUATOR (QUADGUARD) F&I (END SHOE, VERTICAL)	EA	1/1/2013
E544031042	ATTENUATOR (QUADGUARD) F&I (BACKUP ASSM TEN STRT)	EA	1/1/2013
E544031043	ATTENUATOR (QUADGUARD) F&I (BACKUP ASSM CONCRETE)	EA	1/1/2013
E544031044	ATTENUATOR (QUADGUARD) F&I (MONORAIL, 1 BAY)	EA	1/1/2013
E544031045	ATTENUATOR (QUADGUARD) F&I (MONORAIL, 2 BAY)	EA	1/1/2013

E544031046	ATTENUATOR (QUADGUARD) F&I (MONORAIL, 3 BAY)	EA	1/1/2013
E544031047	ATTENUATOR (QUADGUARD) F&I (MUSHROOM BOLT ASSM)	EA	1/1/2013
E544031048	ATTENUATOR (QUADGUARD) F&I (ANCHOR MP 3 KIT)	EA	1/1/2013
E544031051	ATTENUATOR (QUADGUARD) F&I (NEOPRENE GROMMET)	EA	1/1/2013
E544034000	ATTENUATOR (QUADGUARD) (REMOVE)	EA	1/1/2013
E544041020	ATTENUATOR (QUADGUARD HIGH SPEED) F&I (DIAPHRAM)	EA	1/1/2013
E544041040	ATTENUATOR (QUADGUARD HIGH SPEED) F&I (NOSE ASSEMBLY)	EA	1/1/2013
E544041067	ATTENUATOR (QUADGUARD HIGH SPEED) F&I (BUMPER, HDPE)	EA	1/1/2013
E544041068	ATTENUATOR (QUADGUARD HIGH SPEED) F&I (DIAPHRM SPACER)	EA	1/1/2013
E544051001	ATTENUATOR (GREAT) F&I (FENDER PANEL)	EA	1/1/2013
E544051002	ATTENUATOR (GREAT) F&I (FENDER PANEL REAR DEFL)	EA	1/1/2013
E544051003	ATTENUATOR (GREAT) F&I (HEX FOAM CART, TYPE 51)	EA	1/1/2013
E544051007	ATTENUATOR (GREAT) F&I (HEX FOAM BRACKET/DIAPH)	EA	1/1/2013
E544051010	ATTENUATOR (GREAT) F&I (CARTRIDGE SUP BRACKET)	EA	1/1/2013
E544051011	ATTENUATOR (GREAT) F&I (ANCHOR CABLE FRONT)	EA	1/1/2013
E544051012	ATTENUATOR (GREAT) F&I (ANCHOR CABLE REAR)	EA	1/1/2013
E544051013	ATTENUATOR (GREAT) F&I (RESTRAINING CABLE ASSM)	EA	1/1/2013
E544051014	ATTENUATOR (GREAT) F&I (RESTRAINING CABLE)	EA	1/1/2013
E544051015	ATTENUATOR (GREAT) F&I (RESTRAIN CABLE GUIDE)	EA	1/1/2013
E544051017	ATTENUATOR (GREAT) F&I (DIAPHRAM 1-2 BAY)	EA	1/1/2013
E544051018	ATTENUATOR (GREAT) F&I (DIAPHRAM 3-5 BAY)	EA	1/1/2013
E544051019	ATTENUATOR (GREAT) F&I (DIAPHRAM 6-8 BAY)	EA	1/1/2013
E544051020	ATTENUATOR (GREAT) F&I (DIAPHRAM)	EA	1/1/2013
E544051021	ATTENUATOR (GREAT) F&I (TIE DOWN STRAP)	EA	1/1/2013
E544051022	ATTENUATOR (GREAT) F&I (UNIVERSAL NOSE CONE)	EA	1/1/2013

E544051023	ATTENUATOR (GREAT) F&I (MUSHROOM BOLT ASSM/DEF)	EA	1/1/2013
E544051024	ATTENUATOR (GREAT) F&I (ANCHOR CHAIN,9 LINK)	EA	1/1/2013
E544051025	ATTENUATOR (GREAT) F&I (ANCHOR CHAIN RAIL ASSM)	EA	1/1/2013
E544051026	ATTENUATOR (GREAT) F&I (S PANEL CONC CONNECTOR)	EA	1/1/2013
E544051027	ATTENUATOR (GREAT) F&I (HAZARD REFL - 9 BUTTON)	EA	1/1/2013
E544051032	ATTENUATOR (GREAT) F&I (TRANSITION PANEL ASSM)	EA	1/1/2013
E544051050	ATTENUATOR (GREAT) F&I (DEFLCT ASSM, CONC BACKUP)	EA	1/1/2013
E544054000	ATTENUATOR (GREAT) (REMOVE)	EA	1/1/2013
E544061001	ATTENUATOR (HEX FOAM) F&I (FENDER PANEL)	EA	1/1/2013
E544061004	ATTENUATOR (HEX FOAM) F&I (HEX FOAM CART,TYPE 80)	EA	1/1/2013
E544061005	ATTENUATOR (HEX FOAM) F&I (HEX FOAM CART,TYPE 81)	EA	1/1/2013
E544061006	ATTENUATOR (HEX FOAM) F&I (HEX FOAM CART,TYPE 82)	EA	1/1/2013
E544061007	ATTENUATOR (HEX FOAM) F&I (BRACKET/DIAPHRAM)	EA	1/1/2013
E544061008	ATTENUATOR (HEX FOAM) F&I (SAFETY FLEX BELT NOSE)	EA	1/1/2013
E544061009	ATTENUATOR (HEX FOAM) F&I (15'SAFE FLEX BELT SIDE)	EA	1/1/2013
E544061010	ATTENUATOR (HEX FOAM) F&I (CART SUPPORT BRACKET)	EA	1/1/2013
E544061011	ATTENUATOR (HEX FOAM) F&I (ANCHOR CABLE FRONT)	EA	1/1/2013
E544061012	ATTENUATOR (HEX FOAM) F&I (ANCHOR CABLE REAR)	EA	1/1/2013
E544061013	ATTENUATOR (HEX FOAM) F&I (RESTRAINING CABLE ASSM)	EA	1/1/2013
E544061014	ATTENUATOR (HEX FOAM) F&I (RESTRAINING CABLE)	EA	1/1/2013
E544061015	ATTENUATOR (HEX FOAM) F&I (RESTRAIN CABLE GUIDE)	EA	1/1/2013
E544061016	ATTENUATOR (HEX FOAM) F&I (PULL OUT CABLE ASSM)	EA	1/1/2013
E544061017	ATTENUATOR (HEX FOAM) F&I (DIAPHRAM 1-2 BAY)	EA	1/1/2013
E544061018	ATTENUATOR (HEX FOAM) F&I (DIAPHRAM 3-5 BAY)	EA	1/1/2013
E544061019	ATTENUATOR (HEX FOAM) F&I (DIAPHRAM 6-8 BAY)	EA	1/1/2013

E544091001	ATTENUATOR (TAU II) F&I (FENDER PANEL)	EA	1/1/2013
E544091011	ATTR (TAU II) F&I (ANCHOR CAB FRONT)	EA	1/1/2013
E544091012	ATTENUATOR (TAU II) F&I (ANCHOR CAB REAR)	EA	1/1/2013
E544091014	ATTENUATOR (TAU II) F&I (RESTRAINING CABLE)	EA	1/1/2013
E544091015	ATTENUATOR (TAU II) F&I (RESTRAIN CABLE GUIDE)	EA	1/1/2013
E544091020	ATTENUATOR (TAU II) F&I (DIAPHRAM)	EA	1/1/2013
E544091031	ATTENUATOR (TAU II) F&I (ANCHOR HARDWARE, CONCRETE)	EA	1/1/2013
E544091032	ATTENUATOR (TAU II) F&I (TRANS PANEL ASSEMBLY)	EA	1/1/2013
E544091040	ATTENUATOR (TAU II) F&I (NOSE ASSEMBLY)	EA	1/1/2013
E544091052	ATTENUATOR (TAU II) F&I (COMPACT BACKUP ASSEMBLY)	EA	1/1/2013
E544091053	ATTENUATOR (TAU II) F&I (COMPACT BACKUP ASSEMBLY, ASPHALT)	EA	1/1/2013
E544091055	ATTENUATOR (TAU II) F&I (PCB BACKUP ASSEMBLY)	EA	1/1/2013
E544091056	ATTENUATOR (TAU II) F&I (PCB BACKUP ASSEMBLY, ASPHALT)	EA	1/1/2013
E544091058	ATTENUATOR (TAU II) F&I (PIPE PANEL MOUNT)	EA	1/1/2013
E544091059	ATTENUATOR (TAU II) F&I (ANCHOR HARDWARE, ASPHALT)	EA	1/1/2013
E544091060	ATTENUATOR (TAU II) F&I (END PANEL)	EA	1/1/2013
E544091061	ATTENUATOR (TAU II) F&I (SLIDER BOLT ASSEMBLY)	EA	1/1/2013
E544091062	ATTENUATOR (TAU II) F&I (CARTRIDGE, TYPE A)	EA	1/1/2013
E544091063	ATTENUATOR (TAU II) F&I (CARTRIDGE, TYPE B)	EA	1/1/2013
E544091065	ATTENUATOR (TAU II) F&I (FRONT SUPPORT ASSEMBLY)	EA	1/1/2013
E544091066	ATTENUATOR (TAU II) F&I (FRONT SUPPORT LEG)	EA	1/1/2013
E544101031	ATTENUATOR (TRACC) F&I (ANCHOR HARDWARE, CONCRETE)	EA	1/1/2013
E544101040	ATTENUATOR (TRACC) F&I (NOSE PIECE)	EA	1/1/2013
E544101059	ATTENUATOR (TRACC) F&I (ANCHOR HARDWARE, ASPHALT)	EA	1/1/2013
E544101070	ATTENUATOR (TRACC) F&I (ASSEMBLED BASE UNIT)	EA	1/1/2013
E544101073	ATTENUATOR (TRACC) F&I (54" RIP PLATE)	EA	1/1/2013
E544101074	ATTENUATOR (TRACC) F&I (60" RIP PLATE)	EA	1/1/2013

E544101075	ATTENUATOR (TRACC) F&I (69" RIP PLATE)	EA	1/1/2013
E544101076	ATTENUATOR (TRACC) F&I (75" RIP PLATE)	EA	1/1/2013
E544101083	ATTENUATOR (TRACC) F&I (87" RIP PLATE)	EA	1/1/2013
E544101084	ATTENUATOR (TRACC) F&I (93" RIP PLATE)	EA	1/1/2013
E544101085	ATTENUATOR (TRACC) F&I (END SHOE, LEFT)	EA	1/1/2013
E544101086	ATTENUATOR (TRACC) F&I (END SHOE, RIGHT)	EA	1/1/2013
E544101087	ATTENUATOR (TRACC) F&I (SLED & CUTTER ASSEMBLY)	EA	1/1/2013
E544101088	ATTENUATOR (TRACC) F&I (BACK-UP FRAME WELDMENT)	EA	1/1/2013
E544101089	ATTENUATOR (TRACC) F&I (FRAME WELDMENT)	EA	1/1/2013
E544101090	ATTENUATOR (TRACC) F&I (SLOT PLATE)	EA	1/1/2013
E544101091	ATTENUATOR (TRACC) F&I (2 BAY FENDER PANEL)	EA	1/1/2013
E544101092	ATTENUATOR (TRACC) F&I (1 BAY FENDER PANEL)	EA	1/1/2013
E544101093	ATTENUATOR (TRACC) F&I (GENERAL HARDWARE)	EA	1/1/2013
E544101094	ATTENUATOR (TRACC) F&I (MODULAR BASE - STAGE 1 COMPLETE)	EA	1/1/2013
E544101095	ATTENUATOR (TRACC) F&I (MODULAR BASE - STAGE 2 COMPLETE)	EA	1/1/2013
E544101096	ATTENUATOR (TRACC) F&I (MODULAR BASE - STAGE 3 COMPLETE)	EA	1/1/2013
E544101097	ATTENUATOR (TRACC) F&I (TRANSITION TO NJ BARRIER)	EA	1/1/2013
E544101098	ATTENUATOR (TRACC) F&I (TRANSITION TO S/S BARRIER)	EA	1/1/2013
E544101099	ATTENUATOR (TRACC) F&I (TRANSITION TO T-BEAM, WOOD POST)	EA	1/1/2013
E544101100	ATTENUATOR (TRACC) F&I (TRANSITION TO T-BEAM, STEEL POST)	EA	1/1/2013
E544104000	ATTENUATOR (TRACC) (REMOVE)	EA	1/1/2013
E544752601	CRASH CUSHION (X-MAS) CABLE ASSEMBLY F&I	EA	1/1/2013
E544752602	CRASH CUSHION (X-MAS) GUARDRAIL PANEL F&I	EA	1/1/2013
E544752603	CRASH CUSHION (X-MAS) DUAL IMPACT HEADS F&I	EA	1/1/2013
E544752604	CRASH CUSHION (X-MAS) GROUND STRUT F&I	EA	1/1/2013
E544752605	CRASH CUSHION (X-MAS) BOTTOM POST TUBE F&I	EA	1/1/2013
E544752606	CRASH CUSHION (X-MAS) NOSE CONE F&I	EA	1/1/2013

E544752607	CRASH CUSHION (X-MAS) STEEL TOP POST F&I	EA	1/1/2013
E544752608	CRASH CUSHION (X-MAS) SLIDER PANEL F&I	EA	1/1/2013
E544752609	CRASH CUSHION (X-MAS) SLIDER BRACKET F&I	EA	1/1/2013
E544752610	CRASH CUSHION (X-MAS) CABLE BRACKET F&I	EA	1/1/2013
E544752611	CRASH CUSHION (X-MAS) NOTCHED STEEL POST F&I	EA	1/1/2013
E544752612	CRASH CUSHION (X-MAS) STEEL POST F&I	EA	1/1/2013
E544752613	CRASH CUSHION (X-MAS) OFFSET BLOCK F&I	EA	1/1/2013
E544752614	CRASH CUSHION (X-MAS) RADIUS GUARDRAIL BEAM F&I	EA	1/1/2013

546- 71- RUMBLE STRIP SET

Unit PS **Accuracy** Per Set **PlanQuantity?** yes

Notes

Details

Raised rumble strip SETS shall be constructed at intersection approaches only when specified in the plans. This item is to be used in accordance with Standard Index 517.

Note that one thermoplastic set includes 4 strips; One asphalt set includes 6 strips, per the Design Index. Either type is acceptable, per the specification.

For ground-in strips, refer to item 546-72-AB.

TRANSPORT/Summary Boxes: Show rumble strips in the roadway plans. Item may be shown in the signing and pavement marking plans only when roadway component is not present.

Related Items

Required

Recommended

Plan Summary Box

Summary of Pavement

Summarize quantities by pay item and location. Quantity column is for area/volume at each location; final quantity column is total for each pay item.

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, Ch 2

Trns-port

Other

Standards Index No. 518

Specifications Section 546

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 546- 71- RUMBLE STRIP SET PS

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
0546 71	RUMBLE STRIPS	PS		1/1/2013	

546- 72- AB

RUMBLE STRIPS

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

Notes **Effective with the July 2015 letting, refer to Roadway Design Bulletin 15-03/Estimates Bulletin 15-02.**

Details NOTE UNIT OF MEASURE AND DOCUMENTATION CHANGES :

Through June 2015- shoulder rumble strip plan quantity measurement is made "per mile", from the beginning of the project, through the end, minus bridges.

PER MILE MEASUREMENT: The quantity of will be the plan quantity in miles, constructed and accepted. The plan quantity will be determined based on the roadway length minus bridge lengths for each shoulder on which Rumble Strips are to be constructed. No deduction will be made for skip section of skip array.

Effective July 2015- shoulder rumble strip plan quantity measurement is made "per gross mile", as shown in the plans or design standard. The Summary of Pavement MUST show the station to station lengths to be ground, per index 518/519. Note that for limited access facilities, the length of rumble strips should NOT include the bridge or lengths at the exit and entrance ramps, as shown on the index. The skip array and continuous array do not need to be identified in the plans or summary box.

NOTE: The difference between per mile and gross mile is the distance for exit/entrance ramps where no grinding occurs. Gross mile is also the unit for solid stripe.

USE OF RUMBLE STRIPS:

Ground-in rumble strips (16" minimum width, 400 mm minimum width) shall be constructed on freeway and other limited access per Index No. 518. Other methods and types of applications shall not be used unless approved in writing by the State Roadway Design Engineer. Approval will be considered only with sufficient documented justification for variance from this standard.

For Raised Rumble Strips, refer to item 546-71-.

RUMBLE STRIPE

Effective July 2015: Rumble STRIPE consists of rumble strips placed in either the center line or edgeline location, with thermoplastic placed over top of the rumble strip. Refer to Index 519/D519 and 17346 (Rumble STRIPE) for additional details, and Pay Item 706 for additional layer of RPMs.

Rumble STRIPE will be paid under the separate items for Rumble Strips and Thermoplastic (Section 711). If thermoplastic is not applied during construction, then standard paint is used, in accordance with Section 710.

DOCUMENTATION:

Shoulder rumble strips should be shown in the roadway plans. The pay item should be loaded in the Roadway Category.

Rumble Stripe should be shown in the Signing and Pavement Marking plans. The pay items should be loaded in the Signing and Pavement Marking Category.

Related Items

Required

Recommended

Plan Summary Box Summary of Pavement
Summarize quantities by pay item and location. Quantity column is for area/volume at each location; final quantity column is total for each pay item.

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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References **PPM Chapter** Vol 1, Ch 2
Trns-port
Other
Standards Index No. 518 (Rumble Strip), 17346 (Rumble STRIPE)
Specifications Section 546
<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 546- 72- AB RUMBLE STRIPS Mixed

A = Type
5 (Ground-In)
B = Size/ Application
SHOULDER- per Mile
0 (Non Standard) PM, valid through 6-30-15
1 (16" Min. Width) shoulder applications, PM, valid through 6-30-15

RUMBLE STRIPE- Include in Signing & Pavement Markings
2 (16" Center Line) Rumble STRIPE, GM, effective 7/2015
3 (8" Edgeline) Rumble STRIPE, GM, effective 7/2015

SHOULDER- Include in Roadway
4 (Non Standard) GM, Effective 7-1-15
5 (16" Min. Width) shoulder applications, GM, Effective 7-1-15

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
0546 72 50	RUMBLE STRIPS, GROUND-IN, NON STANDARD	PM		1/1/2013	6/30/2015
0546 72 51	RUMBLE STRIPS, GROUND-IN, 16" MIN. WIDTH	PM		1/1/2013	6/30/2015
0546 72 52	RUMBLE STRIPS, GROUND-IN, 16" CENTERLINE USED WITH RUMBLE STRIPE	GM		7/1/2015	

0546 72 53	RUMBLE STRIPS, GROUND-IN, 8" EDGELINE USED WITH RUMBLE STRIPE	GM	7/1/2015
0546 72 55	RUMBLE STRIPS, GROUND-IN, 16" SHOULDER	GM	7/1/2015

547- 70- A RIPRAP, FABRIC-FORMED CONCRETE

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** no

Notes **Future use may require development of specs and/or standards.**

Details DO NOT USE FOR RIPRAP WITH GEOTEXTILE FABRIC, as described in Section 530.

Used for specialized fabric riprap; requires Technical Special Provisions. Contact State Drainage office for additional information.

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 Drainage Structures, Summary of Sidedrain, or Summary of Miscellaneous Drainage Items
Summarize quantities by location. Quantity column is for length/area/volume at each location; total quantity column is total for each pay item.

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
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. **547- 70- A** **RIPRAP, FABRIC-FORMED CONCRETE** **SY**

- A =
- 1 (8" Filter Points)
- 2 (10" Filter Points)
- 3 (Grout Filled Mattress with B-Directional Cabling Throughout) valid through 12-31-15

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
0547 70 1	RIPRAP FABRIC-FORMED CONCRETE, 8" FILTER POINTS	SY	T	1/1/2013	
0547 70 2	RIPRAP FABRIC-FORMED CONCRETE, 10" FILTER POINTS	SY	T	1/1/2013	
0547 70 3	RIPRAP FABRIC-FORMED CONCRETE, GROUT FILLED MATTRESS WITH BI- DIRECTIONAL CABLING THROUGHOUT	SY	T	1/1/2015	12/31/2015

548- AA- RETAINING WALL SYSTEM

Unit SF; M2 **Accuracy** Square Foot; 1/10 Square Meter **PlanQuantity?** yes

Notes

Details

Approved MSE walls are listed on the Qualified Products List (QPL). Walls are to be detailed in the plans, in accordance with the Instructions for Design Standards and index number(s) 6020 and 6030.

Per the specifications, the quantity to be paid for will be plan quantity, subject to the following:

For permanent retaining wall systems: the top of the coping, the top of the leveling pad, top of structural footings, and the beginning and end wall limits as shown on the wall control drawings.

For temporary retaining wall systems: the top of wall and the beginning and end wall limits as shown on the wall control drawings.

This pay item is not intended for Soldier Pile, Concrete Steel Sheet Pile, or cast-in-place walls. For these wall types, use the appropriate pay items for concrete and steel.

*For Permanent-Widening walls, compensation information is needed in the specifications. Coordinate with Specs to modify existing spec.

NOTE: Include item in TRNS*PORT Roadway Category.

Related Items

Required **Recommended** 521- 6-xxa, or 521-8-xaa

Plan Summary Box

Summary of Structures Quantities, Bridge xxxxxx

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 Chapter 30
Trns-port
Other
Standards Through June 2011, Index No. 5300, 5301.
Effective July 2011, Index 6020 and 6030.
Specifications Section 548

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

TRNS*PORT Category (DRAFT FIELD): 100 or 200 Structures or Roadway

Struct. 548- AA- RETAINING WALL SYSTEM SF

AA = Type
12 (Permanent) excluding barrier

- 13 (Temporary) excluding barrier
- 14 (Permanent- Widening) attached to existing wall; *see BOE detail

- 20 (Gravity Wall- Segmental Block Wall <5 Foot Height) Tech 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
0548 12	RETAINING WALL SYSTEM, PERMANANT, EXCLUDING BARRIER	SF		1/1/2013	
0548 13	RETAINING WALL SYSTEM,TEMPORARY, EXCLUDING BARRIER	SF		1/1/2013	
0548 14	RETAINING WALL SYSTEM, PERMANENT- WIDENING, ATTACHED TO EXISTING WALL	SF		1/1/2013	
0548 20	RETAINING WALL SYSTEM, GRAVITY WALL/SEGMENTAL BLOCK WALL <5 FT HEIGHT	SF	T	7/1/2014	

549- 1- GRS RETAINING WALL (Geosynthetic Reinforced Soil Abutments and Walls)

Unit SF; M2 **Accuracy** Square Foot; 1/10 Square Meter **PlanQuantity?** yes

Notes **Refer to Developmental Specification DEV549. Pay item valid dates will be extended, upon approval for use of the specification.**

Details Per the spec, the area for payment will be "the area bounded by the top of the coping, the top of the reinforced soil footing and the begin and end wall limits as shown in the plans. Plan quantity for GRS Bridge Abutments includes wing walls."

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

Plan Summary Box Summary of Geotechnical Items
 Summarize quantities by 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. 549- 1- GRS RETAINING WALL (Geosynthetic Reinforced Soil Abutments and Walls) 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.

549- 2- GRS BRIDGE ABUTMENT

Unit SF; M2 **Accuracy** Square Foot; 1/10 Square Meter **PlanQuantity?** yes

Notes **Refer to Developmental Specification DEV549. Pay item valid dates will be extended, upon approval for use of the specification.**

Details Per the spec, the area for payment will be "the area bounded by the top of the coping, the top of the reinforced soil footing and the begin and end wall limits as shown in the plans. Plan quantity for GRS Bridge Abutments includes wing walls."

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

Plan Summary Box Summary of Geotechnical Items
Summarize quantities by 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. **549- 2-** **GRS BRIDGE ABUTMENT** **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
0549 2	GRS BRIDGE ABUTMENT	SF		1/1/2013	12/31/2017

550- 10-ABC		FENCING	
	Unit	LF; M1	Accuracy Linear Foot; 1/10 Meter PlanQuantity? yes/no
Notes			
Details	<p>Includes all fence, posts, and incidental materials. Gates to be paid under 550-60-ABC.</p> <p>A=1 (Type A) is to be used in accordance with Design Standard 801. Note that standard features include the barbed wire attachment; use C=0 for new installations, or C=8 for resetting fence.</p> <p>A= 3 (Type R) is to be used in accordance with the Instructions for Design Standards and Index Nos. 810, 811, 812.</p> <p>A= 9 (Special) is used for decorative/wood fencing, other than A, B, or R. Tech Spec and/or plan details required to specify materials, installation, and payment. Contact the BOE Coordinator for project specific guidance.</p> <p>Details/Features C=8 (Reset Existing), per the specification, measurement & payment is for "the actual length of existing fence reset, including gates when applicable." Restore fence and barbed wire to original condition. Estimate the quantity from post-to-post, for the length to be reset.</p> <p>Details/Features C=9 (Special) may be used for Type A or B fence, when special features, other than barbed attachment or coatings are needed. For example, fine mesh added to standard Type B fence, for restricting small critters.</p> <p>TEMPORARY FENCE: Temporary fence meeting the requirements of Section 550 is included under payment for fencing. Orange plastic "construction fence" is NOT an approved fence material, and is NOT approved for pedestrian treatments. Refer to Maintenance of Traffic for additional guidance on pedestrian treatments.</p> <p>PQ Measurement: Per the specification, all items are plan quantity, with the exception of resetting fence.</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	550- 60-ABC
Plan Summary Box	<p>Summary of Fencing</p> <p>Summarize quantities by location.</p>		
Design Forms and Documentation	<p><i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i></p> <p>SBFence: Summary of Fence (no posts); SBFence Type A: Summary of Fence, Type A w/Posts; or SBFence Type B: Summary of Fence, Type B w/ Posts</p> <p>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</p> <p>Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.</p>		
References	PPM Chapter Vol 1, Ch 2 for Bridge Fencing		

Trns-port

Other

Standards Index 800 series: 800, 801, 802, 803,
Type R: Index No. 810, 811, 812

Specifications Section 550

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): 0200

Roadway

Struct. 550- 10-ABC FENCING LF

A = Type/Fence Material

1 (Type A)

2 (Type B)

3 (Type R)

9 (Special) Not Type A, B, or R; C= 8 or 9. NOT VALID FOR DEVELOPMENTAL DESIGN STANDARD

B = Nominal Fabric Height

Verify height recommendations with Design Standards

1 (0.0- 5.0' Height)

2 (5.1- 6.0' Height)

3 (6.1- 7.0' Height)

4 (7.1- 8.0' Height)

5 (8.1-10.0' Height)

C = Details/Features

0 (Standard features) per design standards

1 (w/Barbed Wire Attachment), Type B Only

2 (w/Vinyl Coating), Type B Only

3 (Full Enclosure), Type R Only

4 (Partial Enclosure), Type R Only

5 (Vertical) Type R Only

8 (Reset Existing) see detail for measurement

9 (Special Feature) other than coating, barbs, or enclosure; see details 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
0550 10110	FENCING, TYPE A, 0.0-5.0', STANDARD	LF		1/1/2013	
0550 10118	FENCING, TYPE A, 0.0-5.0', TYPE A STANDARD, RESET EXISTING	LF		1/1/2013	
0550 10119	FENCING, TYPE A, 0.0-5.0', SPECIAL FEATURES	LF	T	1/1/2013	
0550 10120	FENCING, TYPE A, 5.1-6.0, STANDARD	LF		1/1/2013	
0550 10128	FENCING, TYPE A, 5.1-6.0', RESET EXISTING	LF		1/1/2013	
0550 10130	FENCING, TYPE A, 6.1-7.0, STANDARD	LF		1/1/2013	
0550 10140	FENCING, TYPE A, 7.1-8.0', STANDARD	LF		1/1/2013	
0550 10148	FENCING, TYPE A, 7.1-8.0', RESET EXISTING	LF		1/1/2013	

0550 10149	FENCING, TYPE A, 7.1-8.0', SPECIAL FEATURES	LF	T	1/1/2013
0550 10150	FENCING, TYPE A, 8.1-10.0', STANDARD	LF		1/1/2013
0550 10158	FENCING, TYPE A, 8.1-10.0', RESET EXISTING	LF		1/1/2013
0550 10159	FENCING, TYPE A, 8.1-10.0', SPECIAL FEATURES	LF	T	1/1/2013
0550 10210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	LF		1/1/2013
0550 10212	FENCING, TYPE B, 0.5-5.0', W/ VINYL COATING	LF		1/1/2013
0550 10218	FENCING, TYPE B, 0.0-5.0', RESET EXISTING	LF		1/1/2013
0550 10219	FENCING, TYPE B, 0.0-5.0', SPECIAL FEATURES	LF	T	1/1/2013
0550 10220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF		1/1/2013
0550 10221	FENCING, TYPE B, 5.1-6.0', W/ BARB WIRE ATTMT	LF		1/1/2013
0550 10222	FENCING, TYPE B, 5.1-6.0', W/ VINYL COATING	LF		1/1/2013
0550 10228	FENCING, TYPE B, 5.1-6.0', RESET EXISTING	LF		1/1/2013
0550 10229	FENCING, TYPE B, 5.1-6.0', SPECIAL FEATURES	LF	D	1/1/2013
0550 10230	FENCING, TYPE B, 6.1-7.0', STANDARD	LF		1/1/2013
0550 10231	FENCING, TYPE B, 6.1-7.0', W/ BARB WIRE ATTMT	LF		1/1/2013
0550 10232	FENCING, TYPE B, 6.1-7.0', W/ VINYL COATING	LF		1/1/2013
0550 10238	FENCING, TYPE B, 6.1-7.0', RESET EXISTING	LF		1/1/2013
0550 10240	FENCING, TYPE B, 7.1-8.0', STANDARD	LF		1/1/2013
0550 10242	FENCING, TYPE B, 7.1-8.0', VINYL COATING	LF		1/1/2013
0550 10248	FENCING, TYPE B, 7.1-8.0', RESET EXISTING	LF		1/1/2013
0550 10250	FENCING, TYPE B, 8.1-10.0', STANDARD FEATURES	LF		1/1/2013
0550 10251	FENCING, TYPE B, 8.1-10.0', WITH BARBED WIRE ATTMT	LF		1/1/2013
0550 10252	FENCING, TYPE B, 8.1-10.0', VINYL COATING	LF		1/1/2013
0550 10259	FENCING, TYPE B, 8.1-10.0', SPECIAL	LF	D	1/1/2013
0550 10315	FENCING, TYPE R, 0-5.0', VERTICAL	LF		1/1/2013
0550 10325	FENCING, TYPE R, 5.1-6.0', VERTICAL	LF		1/1/2013
0550 10335	FENCING, TYPE R, 6.1-7.0', VERTICAL	LF		1/1/2013
0550 10343	FENCING, TYPE R, 7.1-8.0', W/FULL ENCLOSURE	LF		1/1/2013
0550 10344	FENCING, TYPE R, 7.1-8.0', W / PARTIAL ENCLOSURE	LF		1/1/2013

0550 10353	FENCING, TYPE R, 8.1 - 10.0', WITH FULL ENCLOSURE	LF		1/1/2013
0550 10354	FENCING, TYPE R, 8.1-10.0', WITH PARTIAL ENCLOSURE, TYPE R ONLY	LF		1/1/2013
0550 10355	FENCING, TYPE R, 8.1-10.0', VERTICAL	LF		1/1/2013
0550 10363	FENCING, TYPE R, GREATER THAN 10.0', WITH FULL ENCLOSURE	LF		1/1/2013
0550 10918	FENCING, SPECIAL TYPE, 0.0-5.0', RESET EXISTING	LF	T	1/1/2013
0550 10919	FENCING, SPECIAL TYPE, 0.0-5.0', SPECIAL FEATURES	LF	T	1/1/2013
0550 10929	FENCING, SPECIAL TYPE, 5.1-6.0', SPECIAL FEATURES	LF	T	1/1/2013
0550 10938	FENCING, SPECIAL TYPE, 6.1-7.0', RESET EXISTING	LF	T	1/1/2013
0550 10948	FENCING, SPECIAL TYPE, 7.1-8.0', RESET EXISTING	LF	T	1/1/2013
0550 10959	FENCING, SPECIAL TYPE, 8.1-10.0', SPECIAL FEATURES	LF	T	1/1/2013

**550- 15- AB FENCE REPAIR-
Maintenance Contracts Only**

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

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

Details FOR USE ON MAINTENANCE PROJECTS ONLY

DO NOT USE this item with new fence installations, or where standard "resetting" of fence material is required.

This item is intended for repair work where the existing fence material is in good condition, but the specified post is in need of replacement. Included with the payment will be any incidental work or materials necessary to restore the fence to meet design standards (i.e. tensioning, barbed wire, braces, or wire).

Assemblies: as shown on Design Standards, Index Nos. 800, 801, 802.

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

Plan Summary Box Summary of Fencing
Summarize quantities by 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): 0200 Roadway

Struct. **550- 15- AB** **FENCE REPAIR-
Maintenance Contracts Only** **EA**

- A= Fence Type
- 1 (Type A)
- 2 (Type B)
- 3 (Type R)
- B= Assembly Type
- 1 (Corner Post)
- 2 (Line Post)
- 3 (Pull Post)

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
0550 15 11	FENCE REPAIR, TYPE A, CORNER POST ASSY	AS		1/1/2013	
0550 15 12	FENCE REPAIR, TYPE A, LINE POST ASSY	AS		1/1/2013	
0550 15 13	FENCE REPAIR, TYPE A, PULL POST ASSY	AS		1/1/2013	
0550 15 21	FENCE REPAIR, TYPE B, CORNER POST ASSY	AS		1/1/2013	
0550 15 22	FENCE REPAIR, TYPE B, LINE POST ASSY	AS		1/1/2013	
0550 15 23	FENCE REPAIR, TYPE B, PULL POST ASSY	AS		1/1/2013	

550- 60-ABC		FENCE GATE	
	Unit	EA	Accuracy Each
			PlanQuantity? yes
Notes			
Details	Fence to be installed in accordance with standards, Index Nos. 800-812.		
	Special Type: This option is intended for wood, plastic, and other fence materials not covered by the specs or standards. Tech Spec and/or plan details are required to specify materials, installation, and payment. Do not use "special" item for type A, B, or R fencing.		
	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	550-10-ABC
Plan Summary Box	Summary of Fencing Summarize quantities by 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	SBFence: Summary of Fence (no posts); SBFence Type A: Summary of Fence, Type A w/Posts; or SBFence Type B: Summary of Fence, Type B w/ Posts 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 Indexes 800, 801, 802, 803, 810, 811, 812 Specifications Section 550 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):		0200	Roadway
Struct.	550- 60-ABC	FENCE GATE	EA
	A = Type 1 (Type A) 2 (Type B) 9 (Special) *Not Type A or B B = Type 1 (Single) 2 (Double) 3 (Sliding / Cantilever) C = Size of Opening		

- 1 (0-6.0' Opening)
- 2 (6.1-12.0' Opening)
- 3 (12.1-18.0' Opening)
- 4 (18.1-20.0' Opening)
- 5 (20.1-24.0' Opening)
- 6 (24.1-30.0' Opening)
- 7 (> 30' Opening)

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
0550 60111	FENCE GATE, TYPE A, SINGLE, 0-6.0' OPENING	EA		1/1/2013	
0550 60112	FENCE GATE, TYPE A, SINGLE, 6.1-12.0' OPENING	EA		1/1/2013	
0550 60122	FENCE GATE, TYPE A, DOUBLE, 6.1-12.0' OPENING	EA		1/1/2013	
0550 60123	FENCE GATE, TYPE A, DOUBLE, 12.1-18.0' OPENING	EA		1/1/2013	
0550 60124	FENCE GATE, TYPE A, DOUBLE, 18.1-20.0' OPENING	EA		1/1/2013	
0550 60125	FENCE GATE, TYPE A, DOUBLE, 20.1-24.0' OPENING	EA		1/1/2013	
0550 60126	FENCE GATE, TYPE A, DOUBLE, 24.1-30.0' OPENING	EA		1/1/2013	
0550 60127	FENCE GATE, TYPE A, DOUBLE, GREATER THAN 30' OPENING	EA		1/1/2013	
0550 60132	FENCE GATE, TYPE A, SLIDING/CANTILEVER, 6.1-12.0' OPENING	EA		1/1/2013	
0550 60133	FENCE GATE, TYPE A, SLIDING/CANTILEVER, 12.1-18.0' OPENING	EA		1/1/2013	
0550 60134	FENCE GATE, TYPE A, SLIDING/CANTILEVER, 18.1-20.0' OPENING	EA		1/1/2013	
0550 60135	FENCE GATE, TYPE A, SLIDING/CANTILEVER, 20.1-24.0' OPENING	EA		1/1/2013	
0550 60211	FENCE GATE, TYPE B, SINGLE, 0- 6.0' OPENING	EA		1/1/2013	
0550 60212	FENCE GATE, TYPE B, SINGLE, 6.1 - 12.0' OPENING	EA		1/1/2013	
0550 60213	FENCE GATE, TYPE B, SINGLE, 12.1-18.0' OPENING	EA		1/1/2013	
0550 60214	FENCE GATE, TYPE B, SINGLE, 18.1-20.0' OPENING	EA		1/1/2013	
0550 60222	FENCE GATE, TYPE B, DOUBLE, 6.1-12.0' OPENING	EA		1/1/2013	
0550 60223	FENCE GATE, TYPE B, DOUBLE, 12.1-18.0' OPENING	EA		1/1/2013	
0550 60224	FENCE GATE, TYPE B, DOUBLE, 18.1-20.0' OPENING	EA		1/1/2013	

0550 60225	FENCE GATE , TYPE B, DOUBLE, 20.1-24' OPENING	EA		1/1/2013
0550 60226	FENCE GATE , TYPE B, DOUBLE, 24.1-30.0' OPENING	EA		1/1/2013
0550 60227	FENCE GATE, TYPE B, DOUBLE, GREATER THAN 30' OPENNING	EA		1/1/2013
0550 60232	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 6.1-12' OPENING	EA		1/1/2013
0550 60233	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 12.1-18' OPENING	EA		1/1/2013
0550 60234	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 18.1-20.0' OPENING	EA		1/1/2013
0550 60235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	EA		1/1/2013
0550 60236	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 24.1-30' OPENING	EA		1/1/2013
0550 60237	FENCE GATE, TYPE B, SLIDING/CANTILEVER, GREATER THAN 30' OPENNING	EA		1/1/2013
0550 60912	FENCE GATE,SPECIAL, SINGLE, 6.1-12.0' OPENING	EA	T	1/1/2013
0550 60914	FENCE GATE, SPECIAL TYPE, SINGLE, 18.1- 20' OPENING	EA	T	1/1/2013
0550 60922	FENCE GATE, SPECIAL, DOUBLE, 6.1-12.0' OPENING	EA		1/1/2013
0550 60923	FENCE GATE, SPECIAL TYPE, DOUBLE, 12.1- 18.0' OPENING	EA	T	1/1/2013
0550 60927	FENCE GATE, SPECIAL TYPE, DOUBLE, >30' OPENING	EA	T	1/1/2013
0550 60934	FENCE GATE, SPECIAL TYPE, SLIDING/CANTILEVER, 18.1-20' OPENING	EA	T	1/1/2013
0550 60935	FENCE GATE, SPECIAL TYPE, SLIDING/CANTILEVER, 20.1-24' OPENING	EA	T	1/1/2013

**550-Maint FENCE REPAIR-
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. **550-Maint** **FENCE REPAIR-
Maintenance Contracts Only** **Mixed**

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
E550 6111	FENCE POST BRACE (TYPE A) (4')	EA		1/1/2013	
E550 6112	FENCE POST LINE (TYPE A) (4')	EA		1/1/2013	
E550 6113	FENCE POST APPROACH (TYPE A) (4')	EA		1/1/2013	
E550 6114	FENCE POST PULL (TYPE A) (4')	EA		1/1/2013	
E550 6211	FENCE POST BRACE (TYPE B) (4')	EA		1/1/2013	
E550 6212	FENCE POST LINE (TYPE B) (4')	EA		1/1/2013	
E550 6214	FENCE POST PULL (TYPE B) (4')	EA		1/1/2013	
E550 6221	FENCE POST BRACE (TYPE B) (6')	EA		1/1/2013	
E550 6222	FENCE POST LINE (TYPE B) (6')	EA		1/1/2013	
E550 6224	FENCE POST PULL (TYPE B) (6')	EA		1/1/2013	

E550 6232	FENCE POST LINE (TYPE B) (10')	EA	1/1/2013
E550 6411	FENCE POST, BRACE (TYPE B, PVC COAT) (4')	EA	1/1/2013
E550 6412	FENCE POST, LINE(TYP B, PVC COAT) (4')	EA	1/1/2013
E550 6413	FENCE POST, APPROACH (TYP B, PVC COAT) (4')	EA	1/1/2013
E550 6414	FENCE POST, PULL (TYPE B, PVC COAT) (4')	EA	1/1/2013
E550 6421	FENCE POST, BRACE (TYPE B, PVC COAT) (6')	EA	1/1/2013
E550 6422	FENCE POST, LINE(TYP B, PVC COAT) (6')	EA	1/1/2013
E550 6423	FENCE POST, APPROACH (TYP B, PVC COAT) (6')	EA	1/1/2013
E550 6424	FENCE POST, PULL (TYPE B, PVC COAT) (6')	EA	1/1/2013
E550 6451	FENCE POST, BRACE (TYPE B, PVC COAT) (8')	EA	1/1/2013
E550 6452	FENCE POST, LINE(TYP B, PVC COAT) (8')	EA	1/1/2013
E550 6453	FENCE POST, APPROACH (TYP B, PVC COAT) (8')	EA	1/1/2013
E550 6454	FENCE POST, PULL (TYPE B, PVC COAT) (8')	EA	1/1/2013
E550 7212	FENCE MAINTENANCE (TYPE B) (FENCE FABRIC) (4')	LF	1/1/2013
E550 7221	FENCE MAINTENANCE (TYPE B) (BARBED WIRE) (6')	LF	1/1/2013
E550 7222	FENCE MAINTENANCE (TYPE B) (FENCE FABRIC) (6')	LF	1/1/2013
E550 7412	FENCE MAINTENANCE (TYPE B) (FENCE FABRIC, PVC) (4')	LF	1/1/2013
E550 7422	FENCE MAINTENANCE (TYPE B) (FENCE FABRIC, PVC COAT) (6')	LF	1/1/2013
E550 9	FENCE REMOVAL	LF	1/1/2013
E550 21 10	FENCE, TYP B (ZINC/ALUM) (4')	LF	1/1/2013
E550 21 30	FENCE, TYP B (ZINC/ALUM) (6')	LF	1/1/2013
E550 22 30	FENCE, TYP B (PVC COAT) (6')	LF	1/1/2013
E550 22 31	FENCE, TYP B (W/BARB WIRE ATTACH) (6')	LF	1/1/2013
E550 31 10	CORNER POST ASSEM (TYPE A) (4')	EA	1/1/2013
E550 31 11	FENCE, CORNER POST ASSEM (TYP A, 4', W/BARB WIRE ATTACH)	EA	1/1/2013
E550 32 30	FENCE, CORNER POST ASSEMBLY (TYPE B) (6')	EA	1/1/2013
E550 32 31	FENCE, CORNER POST ASSEM (TYP B, W/BARB WIRE ATTACH) (6')	EA	1/1/2013
E550 33 30	FENCE, CORNER POST ASSEMBLY (TYPE B, PVC COAT) (6')	EA	1/1/2013
E550 40222	FENCE, END POST ASM (TYP B, VINYL COATING) (6') REPLACE	EA	1/1/2013

E550 40242	FENCE, END POST ASM (TYP B, VINYL COATING) (8') REPLACE	EA	1/1/2013
E550 40252	FENCE, END POST ASM (TYP B, VINYL COATING) (10') REPLACE	EA	1/1/2013
E550 51 10	FENCE, PULL POST ASSEMBLY (TYPE B, ZINC COAT) (4')	EA	1/1/2013
E550 51 30	FENCE, PULL POST ASSEMBLY (TYPE B, ZINC COAT) (6')	EA	1/1/2013
E550 52 30	FENCE, PULL POST ASSEMBLY (TYPE B, PVC COAT) (6')	EA	1/1/2013
E550 53 11	FENCE, PULL POST ASSEMBLY (TYPE A, BARB WIRE ATTACH) (4')	EA	1/1/2013
E550 60912	FENCE GATE, SPECIAL TYPE, SINGLE, 6.1-12' OPENING	EA	1/1/2013
E550 61 10	FENCE, END POST ASM (TYP B, ZINC) (4')	EA	1/1/2013
E550 61 30	FENCE, END POST ASM (TYP B, ZINC) (6')	EA	1/1/2013
E550 61 40	FENCE, END POST ASM (TYP B, ZINC) (8')	EA	1/1/2013
E550 62 30	FENCE, END POST ASM (TYP B, PVC) (6')	EA	1/1/2013
E550 63 11	FENCE, END POST ASM (TYP A, BARB WIRE ATTACH) (4')	EA	1/1/2013
E550 80	FENCE GATE (REPAIR)	EA	1/1/2013

560-Maint	PAINTING STRUCTURAL STEEL 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.	560-Maint	PAINTING STRUCTURAL STEEL 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.

561- 1- COATING EXISTING STRUCTURAL STEEL

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

Notes

Details

Coordinate the use of this item with the District Materials Office and the State Materials Office. Specifications are available for products listed on the QPL.

Consists of removing and replacing the existing coating, or using an overcoating system.

LUMP SUM PAYMENT: The secondary units (TN) are used for estimating purposes only. Do not include secondary units in the plans. Limits of coating MUST be shown/defined in the plans: complete bridge, substructure, superstructure, or other component parts/areas.

SQUARE FOOT PAYMENT: Limits of coating MUST be TABULATED in the plans, by area.

NOTE: "Rehab" steel may have a primer and/or shop coating when installed. Normally, all surfaces (existing and new "rehab" steel) will be cleaned and coated according to Section 561 specifications. Include both the existing and new "rehab" steel in the estimated quantities for this item.

Related Items

Required

Recommended

Plan Summary Box

Summary of Structures Quantities, Bridge xxxxxx

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

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

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

TRNS*PORT Category (DRAFT FIELD): 100 or 200 Structures or Roadway

Struct. 561- 1- **COATING EXISTING STRUCTURAL STEEL** **Mixed**

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
0561 1	COATING EXISTING STRUCTURAL STEEL	LS		1/1/2013	
0561 1	COATING EXISTING STRUCTURAL STEEL	LS		1/1/2013	
0561 2	COATING EXISTING STRUCTURAL STEEL	SF	T	7/1/2013	
0561 2	COATING EXISTING STRUCTURAL STEEL	SF	T	7/1/2013	

561- 2- COATING EXISTING STRUCTURAL STEEL

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

Notes

Details See 561-1 for details.

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

Plan Summary Box Summary of Structures Quantities, Bridge xxxxxx

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
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

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

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

TRNS*PORT Category (DRAFT FIELD): 0100 Structures

Struct. 561- 2- **COATING EXISTING STRUCTURAL STEEL** **Mixed**

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.

562-Maint	PAINTING STRUCTURAL STEEL 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.	562-Maint	PAINTING STRUCTURAL STEEL 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.

563- A ANTI-GRAFFITI COATING

Unit SF; M2 **Accuracy** Square Foot; 1/10
 Square Meter **PlanQuantity?** yes

Notes

Details

Coordinate the use of this item with District Maintenance Office. Consists of furnishing and applying anti-graffiti coating to the surfaces indicated in the plans. The work also includes surface preparations prior to application of the coating. All coatings are to be clear, unless otherwise specified in the plans, or approved by the Engineer. Pay Item specifies whether material is sacrificial or non-sacrificial.

Measurement is based on the projected area of the wall (height x length) or surface, with no additional allowance for surface texture or the number of coats to be applied; thickness an number of coats must be in accordance with manufacturer's instructions.

For projects let before 7/2008, measurement/payment will be based on measured area, as indicated above.

For projects let 7/2008 and later, measurement will be based on plan quantity, as indicated above.

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

Plan Summary Box Summary of Structures Quantities, Bridge xxxxxx

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
Standards
Specifications Section 563

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

TRNS*PORT Category (DRAFT FIELD): 100 or 200 Structures or Roadway

Struct. **563- A** **ANTI-GRAFFITI COATING** **SF**

A =
 3 (Sacrificial)
 4 (Non – Sacrificial)

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
0563 3	ANTI-GRAFFITI COATING, SACRIFICIAL	SF		1/1/2013	
0563 4	ANTI-GRAFFITI COATING, NON-SACRIFICIAL	SF		1/1/2013	

**563-Maint GRAFFITI REMOVAL
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. **563-Maint** **GRAFFITI REMOVAL** **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
E563 99	GRAFFITI REMOVAL	SF		1/1/2013	

570- 1- A PERFORMANCE TURF

Unit SY; M2 **Accuracy** Square Yard; Square Meter **PlanQuantity?** yes

Notes

Details

Consists of establishing a stand of grass on slopes, shoulders, or other areas by seeding (includes seeding, seeding & mulching, hydroseeding, bonded fiber matrix, or any combination), or sodding, in accordance with Section 570.

Coordinate the use of this item with Sections 104, 107, 162, and 580.

RETENTION BASIN: Per the Drainage Manual, pond slopes shall be sodded to the control elevation of the pond. Show the sod location/area ID on the summary box.

***** Litter and Mowing *****

Through June 2010 lettings: This item includes the mowing of all areas, including undisturbed areas, within the project limits, as noted in the plans. DO NOT use item 104-4 when this item is used. Payment for all mowing is incidental to the turf payment.

Effective July 2010 letting: Litter Removal and Mowing are paid separately under Section 107.

Per Section 570 specification, the Statewide Disputes Review Board specifications must be included on projects with this item.

SHOULDER SODDING: When Performance Turf is used in accordance with Index 105-Treatment II, separate payment for Finished Soil Layer should also be included. Refer to specification section 162 and index no. 105 for additional information.

Related Items **Required** **Recommended** 162-1 Prepared Soil Layer

Plan Summary Box Summary of Performance Turf
Summarize quantities by location. When applicable, include row for "Subtotal from Summary of Drainage Structures".

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

Design Forms and Documentation SBSodding: Summary of Performance Turf & Sod, or COMP 700-050-01: Area Computation and Continuation
Locate in plans. Summarize quantities by location on summary sheet in the plans, or detail calculations in the computation book.

Construction Forms and Documentation 700-050-55: Daily Log Sheet Grassing Items Site Source Record
Final pay quantity will be PLAN QUANTITY with proper consideration for Specification tolerances.

References **PPM Chapter**
Trns-port
Other
Standards Index No. 105 for shoulder sodding and turf on existing facilities
Specifications Section 570

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

.....
TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 570- 1- A PERFORMANCE TURF SY

A= Type
1 *leave secondary description blank- Contractor's Option
2 (Sod)

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
0570 1 1	PERFORMANCE TURF	SY		1/1/2013	
0570 1 2	PERFORMANCE TURF, SOD	SY		1/1/2013	

570-Maint GRASSING 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. **570-Maint** **GRASSING** **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
E570 1 2	PERFORMANCE SOD	SY		1/1/2013	1/31/2015
E570 2	SEED & MULCH	SY		1/1/2013	
E570 5	FERTILIZER	TN		1/1/2013	
E570 6	FERTILIZER (SLOW RELEASE)	TN		1/1/2013	
E570 9 1	WATER FOR GRASS & PLANTS	MG		1/1/2013	

571- 1- AB	PLASTIC EROSION MAT		
Unit	SY; M2	Accuracy	Square Yard; Square Meter
PlanQuantity?	no		

Notes

Details

Geosynthetic rolled erosion control product that retains soil, moisture, and seed; promotes vegetative growth while preventing erosion in ditches, channels, and spillways. to be used where conditions prevent vegetation that lasts past a single growing season.

Design standard 199 (valid through 2014) lists standard criteria/material properties. Plans/Specs need to detail installation requirements and compensation.

Projects let January 2015 and later- refer to Specification sections 571 and 985.

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 Performance Turf

Summarize quantities by location. When applicable, include row for "Subtotal from Summary of Drainage Structures".

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

Record final quantity on the computation book form.

References

PPM Chapter

Trns-port

Other

Standards

Index No. 199, valid through 12-31-2014

Specifications

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

TRNS*PORT Category (DRAFT FIELD): 0200

Roadway

Struct. 571- 1- AB PLASTIC EROSION MAT SY

A =Application
1 (TRM) "Turf Reinforcement Mat"

B =Type
1 (Type 1)
2 (Type 2)
3 (Type 3)

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
0571 1 11	PLASTIC EROSION MAT, TURF REINFORCED MAT, TYPE 1	SY		1/1/2013	
0571 1 12	PLASTIC EROSION MAT, TRM, TYPE 2	SY		1/1/2013	
0571 1 13	PLASTIC EROSION MAT, TURF REINFORCED MAT, TYPE 3	SY		1/1/2013	

**573-Maint HYDROSEEDING
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. **573-Maint** **HYDROSEEDING** **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
E573 1	HYDRO-SEEDING - APPLICATION OF SLURRY INCLUDING WOOD FIBER, SEED, FERTILIZER, TACKIFIER & DYE	SY		1/1/2013	

575-Maint SODDING 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. **575-Maint** **SODDING** **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
E575 1	SODDING	SY		1/1/2013	
E575 1 2	SODDING (CENTIPEDE)	SY		1/1/2013	
E575 1 4	SODDING (ST AUGUSTINE)	SY		1/1/2013	
E575 1 6	SODDING (BERMUDA)	SY		1/1/2013	

580- 1- A LANDSCAPE COMPLETE

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

Notes

Details

This item is for the complete installation of plants, in accordance with Specification Section 580, including all incidental work. The designer should coordinate plan details with installation requirements shown in the specifications.

Through June 2010: Mowing included as part of the landscape work will be identified in the contract documents. If mowing is required outside of the landscape areas, use pay item 104-4, unless 570-1-A is included.

July 2010 and later: Mowing included as part of the landscape work will be identified in the contract documents. If mowing is required outside of the landscape areas, use pay item 107-2.

Small plants includes all ground covers, shrubs to less than 7 gallon, trees to less than 7 gallon, palms clustering type less than 6 foot overall height, cycads to less than 7 gallon. Incidentals, as shown in the landscaping plans, should be included on the tabulation sheet for payment along with small plans.

Large plants include shrubs 7 gallon or greater, trees 7 gallon or greater, all palms single trunk, palms clustering type 6 foot overall height and greater, cycads 7 gallon or greater, all Sabal palms (aka Sabal palmetto, cabbage palm, state tree)

Refer to the latest edition of the Florida Grades and Standards for Nursery Plants for classification. All plants must be detailed in the plans in accordance with Volume 2, Chapter 26 of the PPM. See also PPM Vol 1, Chapter 9.

The computation book will use form 70-050-05 Lump Sum Quantities. On the form, refer to the plans tabulation sheet for calculations; do not repeat tabulation sheet information on the comp book form.

Tree Trimming or Relocation: When arborist work is needed during construction (tree trimming, root trimming, and/or tree relocation) for non-maintenance activities, the work should be included under Section 110- Clearing and Grubbing, and associated pay items. Plan details should be included with Roadway work. DO NOT include this work in the Landscape plans or Landscape category.

TRANSPORT Category and reporting:
Items loaded in the Landscape Category (0600 Landscape) will be included on the Landscape Report. Items 580-1-A and 590-70 should be included in the landscape category.

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

tabqld: Landscape Tabulation of Quantity Sheet, or
SHTabQuantLD2: Landscape Tabulation or Quantities
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** Vol 1, Chapter 9; Vol 2, Chapter 26
Trns-port
Other
Standards Index No. 544
Specifications Section 580

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

TRNS*PORT Category (DRAFT FIELD): 0600 Landscaping

Struct. 580- 1- A LANDSCAPE COMPLETE LS/LS

A= Plant Size
1 (Small Plants) Includes incidental landscape work
2 (Large Plants)

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
0580 1 1	LANDSCAPE COMPLETE- SMALL PLANTS	LS		1/1/2013	
0580 1 2	LANDSCAPE COMPLETE- LARGE PLANTS	LS		1/1/2013	
0580 1 3	LANDSCAPE- RELOCATE TREE (PUSH BUTTON ONLY)	EA		7/1/2013	

580- 2- A LANDSCAPE- RELOCATE TREE

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

Notes

Details

This item is for the relocation of plants, in accordance with Specification Section 580, including all incidental work. The designer should coordinate plan details with installation requirements shown in the specifications.

Intended for use on pushbutton contracts. DO NOT USE WITH LS Landscaping pay item.

TRANSPORT Category and reporting:
Items loaded in the Landscape Category (0600 Landscape) will be included on the Landscape Report. Items 580-1-A and 590-70 should be included in the landscape category.

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

tabqld: Landscape Tabulation of Quantity Sheet, or
SHTabQuantLD2: Landscape Tabulation or Quantities

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 Vol 1, Chapter 9; Vol 2, Chapter 26

Trns-port

Other

Standards Index No. 544

Specifications Section 580

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

TRNS*PORT Category (DRAFT FIELD): 0600 Landscaping

Struct. 580- 2- A LANDSCAPE- RELOCATE TREE EA

- A= Plant Size
- 1 (Palms, <14' of Clear Trunk)
- 2 (Palms, >14' of Clear Trunk)
- 3 (Palm Clump)
- 4 (Trees, <5" Caliper)
- 5 (Trees, >5" Caliper)

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
0580 2 1	LANDSCAPE- RELOCATE TREE, PALMS <14' OF CLEAR TRUNK	EA		7/1/2013	
0580 2 2	LANDSCAPE- RELOCATE TREE, PALMS >14' OF CLEAR TRUNK	EA		7/1/2013	
0580 2 3	LANDSCAPE- RELOCATE TREE, PALM CLUMP	EA		7/1/2013	
0580 2 4	LANDSCAPE- RELOCATE TREE, TREES <5" CALIPER	EA		7/1/2013	
0580 2 5	LANDSCAPE- RELOCATE TREE, TREES >5" CALIPER	EA		7/1/2013	
0580 2 7	LANDSCAPE- RELOCATE TREE, PALMS <14' OF CLEAR TRUNK, SABAL PALM ONLY	EA		1/1/2014	
0580 2 8	LANDSCAPE- RELOCATE TREE, PALMS >14' OF CLEAR TRUNK SABAL PALM ONLY	EA		1/1/2014	

580- 4-AAB LANDSCAPE- PALMS

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

Notes **Effective January 2014, for use with Landscape Pushbutton /Bid Factor contracts.**

Contact State Specifications & Estimates Office prior to using these items.

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

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

Construction Forms and Documentation

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

TRNS*PORT Category (DRAFT FIELD): 0600 Landscaping

Struct. 580- 4-AAB LANDSCAPE- PALMS EA

- AA= Type/Family
- 10 (BISMARCKI NOBILIS 'SILVE'- SILVER BISMARCK PALM)
- 11 (ACOELORRHAPH WRIGHTII - PAUROTIS PALM) OA1
- 12 (BUTIA CAPITATA - PINDO PALM)
- 13 (CHAMAEROP HUMILI- EUROPEAN FAN PALM) OA2; see 46 for 3+ multi stem
- 14 (COCCOTHRINA ARGENTAT- FLORIDA SILVER PALM) OA2
- 15 (HYOPHORBE LAGENICAULI- BOTTLE PALM) OA1
- 16 (HYOPHORBE VERSCHAFFELTI- SPINDLE PALM) OA1
- 17 (LATANIA LONTARIODES- RED LATAN PALM) OA1
- 18 (LIVISTON AUSTRALI- AUSTRALIAN FAN PALM) OA1
- 19 (LIVISTON DECORA RIBBON PALM) OA1
- 20 (LIVISTON SARIBUS- TARAW PALM) OA1
- 21 (PHOENIX DACTYLIFERA 'MEDJOOL' - MEDJOOL DATE PALM) CT
- 22 (PHOENIX ROEBELEN- PYGMY DATE PALM MULTIPLE) OA1
- 23 (PHOENIX SYLVESTRIS- WILD DATE PALM/SYLVESTER) CT
- 24 (PTYCHOSPEMA ELEGANS- ALEXANDER PALM- SINGLE) OA1
- 25 (PTYCHOSPEMA ELEGAS- ALEXANDER PLM- DOUBLE) OA1
- 26 (PTYCHOSPEMA ELEGANS- ALEXANDER PALM- TRIPLE) OA1
- 27 (RHAHIS EXCELS- LADY PALM)
- 28 (ROYSTONEA ELATA- FLORIDA ROYAL PALM) GW

- 29 (THRINAX RADITA- THATCH PALM) OA1
- 30 (VEITCHIA MONTGOMERYNA- MONTGOMERY PALM SINGLE) OA1
- 31 (VEITCHIA MONTGOMERYAN- MONTGOMERY PALM DOUBLE) OA1
- 32 (VEITCHIA MONTGOMERYAN- MONTGOMERY PALM TRIPLE) OA1
- 33 (COCOS NUCIFER- COCONUT PALM)
- 34 (SABAL PALMETTO- SABAL PALMETTO) CT; see also 37
- 35 (Dypsis Lutescens- Areca Palm) OA
- Error- 35 (Regenerated Sabal Palmetto) CT; see 37
- 36 (Phoenix canariensis- Canary Island Date Palm) CT
- 37 (Regenerated Sabal Palmetto- Regenerated Sabal Palmetto) CT; see also 34
- 38 (COPERNICIA ALBA - CARANDAY PALM) OA
- 39 (LIVISTONA CHINENSIS - CHINESE FAN PLAM) OA1
- 40 (PHOENIX RECLINATA - SENEGAL DATE PALM) OA1
- 41 (SABAL CAUSIARUM - PUERTO RICAN HAT PALM)
- 42 (TRACHYCARPUS FORTUNEI - WINDMILL PALM) OA1
- 43 (WASHINGTONIA FILIBUSTA - FAN PALM HYBRID FILIERA X ROBUSTA) CT
- 44 (WASHINGTONIA ROBUSTA - WASHINGTON PALM) CT
- 45 (BUTIAGRUS NABONNANDII - MULE PALM) OA1
- 46 (CHAMAEROP HUMILI- EUROPEAN FAN PALM) OA2 see 13 for single
- NASERENA REPEN 'CINEREA'- SILVER SAW PALMETTO: see large shrub

B=Size: Use CT, unless shown otherwise in AA

Clear Trunk

- 1 (Up to 4' CT)
- 2 (5-8' CT)
- 3 (9-12' CT)
- 4 (13-15' CT)
- 5 (16' and over CT) or (16-20' CT)
- 6 (21-24' CT)
- 7 (25-30' CT)
- 8 (31-35' CT)
- 9 (36' and over CT)

Overall Height 1 (OA1)- Taller palms using OA

- 1 (Up to 8' OA)
- 2 (8-10' OA)
- 3 (11-14' OA)
- 4 (15-18' OA)
- 5 (19-24 OA)
- 6 (Over 24' OA) or (25-30 OA)

Overall Height 2 (OA2)- shorter palms using OA

- 1 (Up to 4')
- 2 (4-6' OA)
- 3 (7-8' OA)
- 4 (9-10' OA)

Grey Wood

- 1 (Up to 4' GW)
- 2 (5-8' GW)
- 3 (9-12' GW)
- 4 (13-16' GW)
- 5 (17-20' GW)
- 6 (21-24 GW)
- 7 (25-30 GW)

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
0580 4101	LANDSCAPE- PALMS, SILVER BISMARCK PALM BISMARCKIA NOBILIS 'SILVER', UP TO 4' CLEAR TRUNK	EA		1/1/2014	
0580 4102	LANDSCAPE- PALMS, SILVER BISMARCK PALM BISMARCKIA NOBILIS 'SILVER' - 5-8' CLEAR TRUNK	EA		1/1/2014	
0580 4103	LANDSCAPE- PALMS, SILVER BISMARCK PALM BISMARCKIA NOBILIS 'SILVER' - 9-12' CLEAR TRUNK	EA		1/1/2014	
0580 4104	LANDSCAPE- PALMS, SILVER BISMARCK PALM BISMARCKIA NOBILIS 'SILVER' - 13-15' CLEAR TRUNK	EA		1/1/2014	
0580 4105	LANDSCAPE- PALMS, SILVER BISMARCK PALM BISMARCKIA NOBILIS 'SILVER' - 16-20' CLEAR TRUNK	EA		1/1/2014	
0580 4106	LANDSCAPE- PALMS, SILVER BISMARCK PALM BISMARCKIA NOBILIS 'SILVER' - 21-24' CLEAR TRUNK	EA		1/1/2014	
0580 4111	LANDSCAPE- PALMS, PAUROTIS PALM ACOELORRHAPHE WRIGHTII, UP TO 8' OVERALL HEIGHT	EA		1/1/2014	
0580 4112	LANDSCAPE- PALMS, PAUROTIS PALM ACOELORRHAPHE WRIGHTII, 8-10', OVERALL HEIGHT	EA		1/1/2014	
0580 4113	LANDSCAPE- PALMS, PAUROTIS PALM ACOELORRHAPHE WRIGHTII, 11-14', OVERALL HEIGHT	EA		1/1/2014	
0580 4121	LANDSCAPE- PALMS, PINDO PALM BUTIA CAPITATA, UP TO 4', CLEAR TRUNK	EA		1/1/2014	
0580 4122	LANDSCAPE- PALMS, PINDO PALM BUTIA CAPITATA, 5-8', CLEAR TRUNK	EA		1/1/2014	
0580 4123	LANDSCAPE- PALMS, PINDO PALM BUTIA CAPITATA, 9-12', CLEAR TRUNK	EA		1/1/2014	
0580 4124	LANDSCAPE- PALMS, PINDO PALM BUTIA CAPITATA, 13-15', CLEAR TRUNK	EA		1/1/2014	
0580 4131	LANDSCAPE- PALMS, EUROPEAN FAN PALM CHAMAEROPS HUMILIS, UP TO 4', OVERALL HEIGHT	EA		1/1/2014	
0580 4132	LANDSCAPE- PALMS, EUROPEAN FAN PALM CHAMAEROPS HUMILIS, 4-6', OVERALL HEIGHT	EA		1/1/2014	
0580 4133	LANDSCAPE- PALMS, EUROPEAN FAN PALM CHAMAEROPS HUMILIS, 7-8', OVERALL HEIGHT	EA		1/1/2014	
0580 4134	LANDSCAPE- PALMS, EUROPEAN FAN PALM CHAMAEROPS HUMILIS, 9-10', OVERALL HEIGHT	EA		1/1/2014	

0580 4142	LANDSCAPE- PALMS, FLORIDA SILVER PALM COCCOTHRINAX ARGENTATA, 4-6', OVERALL HEIGHT	EA	1/1/2014
0580 4152	LANDSCAPE- PALMS, BOTTLE PALM HYOPHORBE LAGENICAILIS, 8-10', OVERALL HEIGHT	EA	1/1/2014
0580 4153	LANDSCAPE- PALMS, BOTTLE PALM HYOPHORBE LAGENICAILIS, 11-14', OVERALL HEIGHT	EA	1/1/2014
0580 4162	LANDSCAPE- PALMS, SPINDLE PALM HYOPHORBE VERSCHAFFELTII, 8-10', OVERALL HEIGHT	EA	1/1/2014
0580 4172	LANDSCAPE- PALMS, RED LATAN PALM LATANIA LONTARIODES, 8-10', OVERALL HEIGHT	EA	1/1/2014
0580 4173	LANDSCAPE- PALMS, RED LATAN PALM LATANIA LONTARIODES, 11-14', OVERALL HEIGHT	EA	1/1/2014
0580 4174	LANDSCAPE- PALMS, RED LATAN PALM LATANIA LONTARIODES, 15-18', OVERALL HEIGHT	EA	1/1/2014
0580 4183	LANDSCAPE- PALMS, AUSTRALIAN FAN PALM LIVISTONA AUSTRALIS, 11-14', OVERALL HEIGHT	EA	1/1/2014
0580 4184	LANDSCAPE- PALMS, AUSTRALIAN FAN PALM LIVISTONA AUSTRALIS, 15-18', OVERALL HEIGHT	EA	1/1/2014
0580 4185	LANDSCAPE- PALMS, AUSTRALIAN FAN PALM LIVISTONA AUSTRALIS, 19-24', OVERALL HEIGHT	EA	1/1/2014
0580 4193	LANDSCAPE- PALMS, RIBBON PALM LIVISTONA DECORA , 11-14', OVERALL HEIGHT	EA	1/1/2014
0580 4194	LANDSCAPE- PALMS, RIBBON PALM LIVISTONA DECORA , 15-18', OVERALL HEIGHT	EA	1/1/2014
0580 4195	LANDSCAPE- PALMS, RIBBON PALM LIVISTONA DECORA , 19-24', OVERALL HEIGHT	EA	1/1/2014
0580 4202	LANDSCAPE- PALMS, TARAW PALM LIVISTONA SARIBUS, 8-10', OVERALL HEIGHT	EA	1/1/2014
0580 4203	LANDSCAPE- PALMS, TARAW PALM LIVISTONA SARIBUS, 11-14', OVERALL HEIGHT	EA	1/1/2014
0580 4212	LANDSCAPE- PALMS, MEDJOOOL DATE PALM PHOENIX DACTYLIFERA 'MEDJOOOL', 5-8', CLEAR TRUNK	EA	1/1/2014
0580 4213	LANDSCAPE- PALMS, MEDJOOOL DATE PALM PHOENIX DACTYLIFERA 'MEDJOOOL', 9-12', CLEAR TRUNK	EA	1/1/2014

0580 4214	LANDSCAPE- PALMS, MEDJOOOL DATE PALM PHOENIX DACTYLIFERA 'MEDJOOOL', 13-15', CLEAR TRUNK	EA	1/1/2014
0580 4215	LANDSCAPE- PALMS, MEDJOOOL DATE PALM PHOENIX DACTYLIFERA 'MEDJOOOL', 16-20', CLEAR TRUNK	EA	1/1/2014
0580 4216	LANDSCAPE- PALMS, MEDJOOOL DATE PALM PHOENIX DACTYLIFERA 'MEDJOOOL', 21-24', CLEAR TRUNK	EA	1/1/2014
0580 4217	LANDSCAPE- PALMS, MEDJOOOL DATE PALM PHOENIX DACTYLIFERA 'MEDJOOOL', 25-30', CLEAR TRUNK	EA	1/1/2014
0580 4218	LANDSCAPE- PALMS, MEDJOOOL DATE PALM PHOENIX DACTYLIFERA 'MEDJOOOL', 31-35', CLEAR TRUNK	EA	1/1/2014
0580 4219	LANDSCAPE- PALMS, MEDJOOOL DATE PALM PHOENIX DACTYLIFERA 'MEDJOOOL', 36' AND OVER CLEAR TRUNK	EA	1/1/2014
0580 4222	LANDSCAPE- PALMS, PYGMY DATE PALM MULTIPLE PHOENIX ROEBELENII, 8-10', OVERALL HEIGHT	EA	1/1/2014
0580 4223	LANDSCAPE- PALMS, PYGMY DATE PALM MULTIPLE PHOENIX ROEBELENII, 11-14', OVERALL HEIGHT	EA	1/1/2014
0580 4232	LANDSCAPE- PALMS, WILD DATE PALM/SYLVESTER PHOENIX SYLVESTRIS, 5- 8', CLEAR TRUNK	EA	1/1/2014
0580 4233	LANDSCAPE- PALMS, WILD DATE PALM/SYLVESTER PHOENIX SYLVESTRIS, 9- 12', CLEAR TRUNK	EA	1/1/2014
0580 4234	LANDSCAPE- PALMS, WILD DATE PALM/SYLVESTER PHOENIX SYLVESTRIS, 13- 15', CLEAR TRUNK	EA	1/1/2014
0580 4235	LANDSCAPE- PALMS, WILD DATE PALM/SYLVESTER PHOENIX SYLVESTRIS, 16' AND OVER CLEAR TRUNK	EA	1/1/2014
0580 4244	LANDSCAPE- PALMS, ALEXANDER PALM SINGLE PTYCHOSPHEMA ELEGANS, 15-18', OVERALL HEIGHT	EA	1/1/2014
0580 4245	LANDSCAPE- PALMS, ALEXANDER PALM SINGLE PTYCHOSPHEMA ELEGANS, 19-24', OVERALL HEIGHT	EA	1/1/2014
0580 4254	LANDSCAPE- PALMS, ALEXANDER PALM DOUBLE PTYCHOSPHEMA ELEGANS, 15-18', OVERALL HEIGHT	EA	1/1/2014
0580 4255	LANDSCAPE- PALMS, ALEXANDER PALM DOUBLE PTYCHOSPHEMA ELEGANS, 19-24', OVERALL HEIGHT	EA	1/1/2014
0580 4264	LANDSCAPE- PALMS, ALEXANDER PALM TRIPLE PTYCHOSPHEMA ELEGANS, 15-18', OVERALL HEIGHT	EA	1/1/2014

0580 4265	LANDSCAPE- PALMS, ALEXANDER PALM TRIPLE PTYCHOSPHEMA ELEGANS, 19-24', OVERALL HEIGHT	EA	1/1/2014
0580 4271	LANDSCAPE- PALMS, LADY PALM RHAPHIS EXCELSA, UP TO 8', OVERALL HEIGHT	EA	1/1/2014
0580 4272	LANDSCAPE- PALMS, LADY PALM RHAPHIS EXCELSA, 8-10', OVERALL HEIGHT	EA	1/1/2014
0580 4283	LANDSCAPE- PALMS, FLORIDA ROYAL PALM ROYSTONEA ELATA, 9-12', GREY WOOD	EA	1/1/2014
0580 4284	LANDSCAPE- PALMS, FLORIDA ROYAL PALM ROYSTONEA ELATA, 13-16', GREY WOOD	EA	1/1/2014
0580 4285	LANDSCAPE- PALMS, FLORIDA ROYAL PALM ROYSTONEA ELATA, 17-20', GREY WOOD	EA	1/1/2014
0580 4286	LANDSCAPE- PALMS, FLORIDA ROYAL PALM ROYSTONEA ELATA, 21-24', GREY WOOD	EA	1/1/2014
0580 4291	LANDSCAPE- PALMS, THATCH PALM SINGLE THRINAX RADIATA, UP TO 8', OVERALL HEIGHT	EA	1/1/2014
0580 4292	LANDSCAPE- PALMS, THATCH PALM SINGLE THRINAX RADIATA, 8-10', OVERALL HEIGHT	EA	1/1/2014
0580 4304	LANDSCAPE- PALMS, MONTGOMERY PALM SINGLE VEITCHIA MONTGOMERYANA, 15-18', OVERALL HEIGHT	EA	1/1/2014
0580 4305	LANDSCAPE- PALMS, MONTGOMERY PALM SINGLE VEITCHIA MONTGOMERYANA, 19-24', OVERALL HEIGHT	EA	1/1/2014
0580 4306	LANDSCAPE- PALMS, MONTGOMERY PALM SINGLE VEITCHIA MONTGOMERYANA, 25-30', OVERALL HEIGHT	EA	1/1/2014
0580 4314	LANDSCAPE- PALMS, MONTGOMERY PALM DOUBLE VEITCHIA MONTGOMERYANA, 15-18', OVERALL HEIGHT	EA	1/1/2014
0580 4315	LANDSCAPE- PALMS, MONTGOMERY PALM DOUBLE VEITCHIA MONTGOMERYANA, 19-24', OVERALL HEIGHT	EA	1/1/2014
0580 4324	LANDSCAPE- PALMS, MONTGOMERY PALM TRIPLE VEITCHIA MONTGOMERYANA, 15-18', OVERALL HEIGHT	EA	1/1/2014
0580 4325	LANDSCAPE- PALMS, MONTGOMERY PALM TRIPLE VEITCHIA MONTGOMERYANA , 19-24', OVERALL HEIGHT	EA	1/1/2014

0580 4331	LANDSCAPE- PALMS, COCONUT PALM COCOS NUCIFERA, UP TO 4' GREY WOOD	EA	1/1/2014
0580 4332	LANDSCAPE- PALMS, COCONUT PALM COCOS NUCIFERA, 5-8' GREY WOOD	EA	1/1/2014
0580 4333	LANDSCAPE- PALMS, COCONUT PALM COCOS NUCIFERA, 9-12' GREY WOOD	EA	1/1/2014
0580 4334	LANDSCAPE- PALMS, COCONUT PALM COCOS NUCIFERA, 13-16' GREY WOOD	EA	1/1/2014
0580 4343	LANDSCAPE- PALMS, SABAL PALMETTO SABAL PALMETTO, 9-12' CLEAR TRUNK	EA	1/1/2014
0580 4344	LANDSCAPE- PALMS, SABAL PALMETTO SABAL PALMETTO, 13-15' CLEAR TRUNK	EA	1/1/2014
0580 4345	LANDSCAPE- PALMS, SABAL PALMETTO SABAL PALMETTO, 16-20' CLEAR TRUNK	EA	1/1/2014
0580 4346	LANDSCAPE- PALMS, SABAL PALMETTO SABAL PALMETTO, 21-24' CLEAR TRUNK	EA	1/1/2014
0580 4347	LANDSCAPE- PALMS, SABAL PALMETTO SABAL PALMETTO, 25-30' CLEAR TRUNK	EA	1/1/2014
0580 4352	LANDSCAPE- PALMS, ARECA PALM DYPSIS LUTESCENS, 8-10', OVERALL HEIGHT	EA	1/1/2014
0580 4353	LANDSCAPE- PALMS, ARECA PALM DYPSIS LUTESCENS, 11-14', OVERALL HEIGHT	EA	1/1/2014
0580 4354	LANDSCAPE- PALMS, ARECA PALM DYPSIS LUTESCENS, 15-18', OVERALL HEIGHT	EA	1/1/2014
0580 4362	LANDSCAPE- PALMS, CANARY ISLAND DATE PALM PHOENIX CANARIENSIS, 5-8', CLEAR TRUNK	EA	1/1/2014
0580 4373	LANDSCAPE- PALMS, REGENERATED SABAL PALMETTO SABAL PALMETTO, 9-12' CLEAR TRUNK	EA	1/1/2014
0580 4374	LANDSCAPE- PALMS, REGENERATED SABAL PALMETTO SABAL PALMETTO, 13-15' CLEAR TRUNK	EA	1/1/2014
0580 4375	LANDSCAPE- PALMS, REGENERATED SABAL PALMETTO SABAL PALMETTO, 16-20' CLEAR TRUNK	EA	1/1/2014
0580 4376	LANDSCAPE- PALMS, REGENERATED SABAL PALMETTO SABAL PALMETTO, 21-24' CLEAR TRUNK	EA	1/1/2014
0580 4377	LANDSCAPE- PALMS, REGENERATED SABAL PALMETTO SABAL PALMETTO, 25-30' CLEAR TRUNK	EA	1/1/2014
0580 4378	LANDSCAPE- PALMS, REGENERATED SABAL PALMETTO SABAL PALMETTO, 31-35' CLEAR TRUNK	EA	1/1/2014
0580 4383	LANDSCAPE- PALMS, CARANDAY PALM COPERNICIA ALBA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 4384	LANDSCAPE- PALMS, CARANDAY PALM COPERNICIA ALBA, 15-18' OVERALL HEIGHT	EA	1/1/2014

0580 4393	LANDSCAPE- PALMS, CHINESE FAN PALM LIVISTONA CHINENSIS, 11-14', OVERALL HEIGHT	EA	1/1/2014
0580 4394	LANDSCAPE- PALMS, CHINESE FAN PALM LIVISTONA CHINENSIS, 15-18', OVERALL HEIGHT	EA	1/1/2014
0580 4395	LANDSCAPE- PALMS, CHINESE FAN PALM LIVISTONA CHINENSIS, 19-24', OVERALL HEIGHT	EA	1/1/2014
0580 4403	LANDSCAPE- PALMS, SENEGAL DATE PALM, PHOENIX RECLINATA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 4404	LANDSCAPE- PALMS, SENEGAL DATE PALM, PHOENIX RECLINATA, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 4413	LANDSCAPE- PALMS, PUERTO RICAN HAT PALM, SABAL CAUSIARUM, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 4414	LANDSCAPE- PALMS, PUERTO RICAN HAT PALM, SABAL CAUSIARUM, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 4422	LANDSCAPE- PALMS, WINDMILL PALM, TRACHYCARPUS FORTUNEI, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 4423	LANDSCAPE- PALMS, WINDMILL PALM, TRACHYCARPUS FORTUNEI, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 4433	LANDSCAPE- PALMS, FAN PALM HYRBID FILIBUSTA, WASHINGTONIA FILIBUSTA 'FILERA x ROBUSTA', 9-12' CLEAR TRUNK	EA	1/1/2014
0580 4434	LANDSCAPE- PALMS, FAN PALM HYRBID FILIBUSTA, WASHINGTONIA FILIBUSTA 'FILERA x ROBUSTA', 13-15' CLEAR TRUNK	EA	1/1/2014
0580 4435	LANDSCAPE- PALMS, FAN PALM HYRBID FILIBUSTA, WASHINGTONIA FILIBUSTA 'FILERA x ROBUSTA', 16-20' CLEAR TRUNK	EA	1/1/2014
0580 4436	LANDSCAPE- PALMS, FAN PALM HYRBID FILIBUSTA, WASHINGTONIA FILIBUSTA 'FILERA x ROBUSTA', 21-24' CLEAR TRUNK	EA	1/1/2014
0580 4437	LANDSCAPE- PALMS, FAN PALM HYRBID FILIBUSTA, WASHINGTONIA FILIBUSTA 'FILERA x ROBUSTA', 25-30' CLEAR TRUNK	EA	1/1/2014
0580 4438	LANDSCAPE- PALMS, FAN PALM HYRBID FILIBUSTA, WASHINGTONIA FILIBUSTA 'FILERA x ROBUSTA', 25-30' CLEAR TRUNK	EA	1/1/2014
0580 4439	LANDSCAPE- PALMS, FAN PALM HYRBID FILIBUSTA, WASHINGTONIA FILIBUSTA 'FILERA x ROBUSTA', 36' AND OVER CLEAR TRUNK	EA	1/1/2014
0580 4443	LANDSCAPE- PALMS, WASHINGTON PALM WASHINGTON ROBUSTA, 9-12' CLEAR TRUNK	EA	1/1/2014

0580 4444	LANDSCAPE- PALMS, WASHINGTON PALM WASHINGTON ROBUSTA, 13-15' CLEAR TRUNK	EA	1/1/2014
0580 4445	LANDSCAPE- PALMS, WASHINGTON PALM WASHINGTON ROBUSTA, 16-20' CLEAR TRUNK	EA	1/1/2014
0580 4446	LANDSCAPE- PALMS, WASHINGTON PALM WASHINGTON ROBUSTA, 21-24' CLEAR TRUNK	EA	1/1/2014
0580 4447	LANDSCAPE- PALMS, WASHINGTON PALM WASHINGTON ROBUSTA, 25-30' CLEAR TRUNK	EA	1/1/2014
0580 4448	LANDSCAPE- PALMS, WASHINGTON PALM WASHINGTON ROBUSTA, 31-35' CLEAR TRUNK	EA	1/1/2014
0580 4449	LANDSCAPE- PALMS, WASHINGTON PALM WASHINGTON ROBUSTA, 36' AND OVER CLEAR TRUNK	EA	1/1/2014
0580 4454	LANDSCAPE- PALMS, MULE PALM, X BUTIAGRUS NABONNANDII, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 4461	LANDSCAPE- PALMS, EUROPEAN FAN PALM MULTI 3+ STEM, CHAMAEROPS HUMILIS, UP TO 4', OVERALL HEIGHT	EA	1/1/2014
0580 4462	LANDSCAPE- PALMS, EUROPEAN FAN PALM MULTI 3+ STEM, CHAMAEROPS HUMILIS, 4-6' OVERALL HEIGHT	EA	1/1/2014
0580 4463	LANDSCAPE- PALMS, EUROPEAN FAN PALM MULTI 3+ STEM, CHAMAEROPS HUMILIS, 7-8' OVERALL HEIGHT	EA	1/1/2014
0580 4464	LANDSCAPE- PALMS, EUROPEAN FAN PALM MULTI 3+ STEM, CHAMAEROPS HUMILIS, 9-10' OVERALL HEIGHT	EA	1/1/2014

580- 5-AAB LANDSCAPE- TREES

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

Notes **Effective January 2014, for use with Landscape Pushbutton /Bid Factor contracts.**

Contact State Specifications & Estimates Office prior to using these items.

Details MAINTENANCE CONTRACTS ONLY
Additional BOE details pending

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

Construction Forms and Documentation

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

TRNS*PORT Category (DRAFT FIELD): 0600 Landscaping

Struct. **580- 5-AAB** **LANDSCAPE- TREES** **EA**

- AA= Type/Family
- 10 (Bombax Ceiba - Red Silk-Cotton Tree)
- 11 (Ceiba Pentandra- Kapok Tree)
- 12 (Juniperus Virginiana Silicola- Southern Red Cedar)
- 13 (Lagerstroemia Indica - Crepe Myrtle Standard)
- 14 (Lagerstroemia Indica 'Multi'- Crepe Myrtle Multi)
- 15 (Lagerstroemia Speciosa 'Standard'- Queen's Crape Myrtle Standard)
- 16 (Lagerstroemia Speciosa 'Multi'- Queen's Crape Myrtle Multi)
- 17 (Taxodium Distichum- Bald Cypress)
- 18 (BURSERA SIMARUBA - GUMBO LIMBO)
- 19 (MAGNOLIA GRANDIFLORA 'DD BLANCHARD')
- 20 (MAGNOLIA GRANDIFLORA 'LITTLE GEM')
- 21 (MAGNOLIA VIRGINIA 'SWEET BAY MAGNOLIA')
- 22 (QUERCUS VIRGINIANA - LIVE OAK) see 65 for Cathedral Live Oak
- 23 (PINUS ELLIOTII DENSA- SO. FLORIDA SLASH PINE)
- 24 (TABEBUIA CARAIBA - SILVER TRUMPET TREE)
- 25 (TABEBUIA HETEROPHYLLA - PINK TRUMPET TREE)
- 26 (MYRICA CERIFERA - WAX MYRTLE)
- 27 (BULNESIA ARBOREA-VERAWOOD)
- 28 (CHORISIA SPECIOSA - FLOSS SILK TREE)

- 29 (CLUSIA GUTTIFERA - SMALL LEAF CLUSIA TREE FORM)
- 30 (CONOCARPUS ERECTUS - GREEN BUTTONWOOD)
- 31 (CONOCARPUS ERECTUS VAR. SERICEUS - SILVER BUTTONWOOD)
- 32 (DELONIX REGIA - ROYAL POINCIANA)
- 33 (PELTOPHORUM DUBIUM - YELLOW POINCIANA/YELLOW JACARANDA)
- 34 (PLUMERIA PUDICA – FRANGIPANI TREE ‘BRIDAL BOUQUET’)
- 35 (SWIETENIA MAHAGONI – MAHOGANY)
- 36 (SIMAROUBA GLAUCA - PARADISE TREE)
- 37 (PODOCARPUS GRACILIOR - WEEPING PODOCARPUS)
- 38 (MYRCIANTHES FRAGRANS - SIMPSON'S STOPPER)
- 39 (PELTOPHORUM PTEROCARPUM - YELLOW POINCIANA)
- 40 (LYSILOMA SABICU – HORSEFLESH MAHOGANY) verify common name?
- 41 (ILEX X ATTENUATA - EAST PALATKA HOLLY TREE)
- 42 (ILEX CASSINE - DAHOON HOLLY)
- 43 (Ficus Citrifolia- Short leaf fig)
- 44 (CAESALPINIA FERREA- Brazilian Ironwood)
- 45 (CAESALPINIA GRANDILLO- BRIDALVEIL TREE)
- 46 (CORDIA SEBESTENA- GEIGER TREE)
- 47 (TABEBUIA IMPETIGINOSA- Purple Trumpet Tree)
- 48 (Guaiacum Sanctum- Hollywood Lignum-vitae)
- 49 (Bucida buceras- Black Olive)
- 50 (Coccoloba Diversifolia- Pigeonplum)
- 51 (Dipholis Salicifolium/Sideroxylon Salicifolium- Willow Busic)
- 52 (ACER RUBRUM ‘FLORIDA FLAME’ - FLORIDA FLAME RED MAPLE)
- 53 (GORDONIA IASIANTHUS -LOBLOLLY BAY)
- 54 (ILEX ATTENUATA ‘EAGLESTON’ - EAGLESTON HOLLY)
- 55 (ILEX CONAF -OAK LEAF HOLLY)
- 56 (ILEX CORNATA ‘NELLIE R STEVENS’ -NELLIE R STEVENS HOLLY)
- 57 (LIGUSTRUM JAPONICUM - WAX LEAF PRIVET)
- 58 (LIQUIDAMBAR STYRACIFLUA -SWEETGUM)
- 59 (MAGNOLIA GRANDIFLORA ‘BRACKENS BROWN BEAUTY’ -BBB MAGNOLIA)
- 60 (PINUS CLAUSA -SAND PINE)
- 61 (PINUS ELLIOTII -SLASH PINE)
- 62 (PINUS PALUSTRIS -LONGLEAF PINE)
- 63 (PINUS TAEDA -LOBLOLLY PINE)
- 64 (PRUNUS ANGUSTIFOLIA - CHICKASAW PLUM)
- 65 (QUERCUS VIRGINIANA ‘CATHEDRAL’ -CATHEDRAL LIVE OAK) see 22 for Southern Live Oak
- 66 (JACARANDA MIMIOSAFOLIA -JACARANDA) OA
- 67 (Cornus Florida- Flowering Dogwood) OA
- 68 (Cercis Cadadensis- Eastern Redbud) OA

PENDING:

BUCIDA BUCERAS ‘SHADY LADY’ -SHADY LADY BLACK OLIVE
CASSIA BAKERIA -PINK SHOWER TREE
CASSIA FISTULA - GOLDEN SHOWER TREE
LYSILOMA LATISILQUA -WILD TAMARIND
PACHIRA AQUATICA -WATER CHESTNUT
SPATHODEA CAMPUNALATA -AFRICAN TULIP TREE

B= Size: use overall height, unless shown otherwise in AA

Overall Height

- 1 (Up to 8’ OA)
- 2 (8-10’ OA)
- 3 (11-14’ OA)
- 4 (15-18’ OA)

- 5 (19-24' OA)
- 6 (25-30' OA)
- 7 (31-35' OA)

- Grey Wood
- 1 (Up to 4' GW)
 - 2 (5-8' GW)
 - 3 (9-12' GW)
 - 4 (13-16' GW)
 - 5 (17-20' GW)
 - 6 (21-24' GW)
 - 7 (25-30' GW)

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
0580 5103	LANDSCAPE- TREES, COTTON TREE BOMBAX CEIBA - RED SILK, 11-14' OVERALL HEIGHT	EA		1/1/2014	
0580 5104	LANDSCAPE- TREES, COTTON TREE BOMBAX CEIBA - RED SILK, 15-18' OVERALL HEIGHT	EA		1/1/2014	
0580 5105	LANDSCAPE- TREES, COTTON TREE BOMBAX CEIBA - RED SILK, 19-24' OVERALL HEIGHT	EA		1/1/2014	
0580 5114	LANDSCAPE- TREES, KAPOK TREE CEIBA PENTANDRA, 15-18' OVERALL HEIGHT	EA		1/1/2014	
0580 5121	LANDSCAPE- TREES, SOUTHERN RED CEDAR JUNIPERUS VIRGINIANA SILICICOLA, UP TO 8' OVERALL HEIGHT	EA		1/1/2014	
0580 5122	LANDSCAPE- TREES, SOUTHERN RED CEDAR JUNIPERUS VIRGINIANA SILICICOLA, 8-10' OVERALL HEIGHT	EA		1/1/2014	
0580 5123	LANDSCAPE- TREES, SOUTHERN RED CEDAR JUNIPERUS VIRGINIANA SILICICOLA, 11-14' OVERALL HEIGHT	EA		1/1/2014	
0580 5124	LANDSCAPE- TREES, SOUTHERN RED CEDAR JUNIPERUS VIRGINIANA SILICICOLA, 15-18' OVERALL HEIGHT	EA		1/1/2014	
0580 5133	LANDSCAPE- TREES, CRAPE MYRTLE STANDARD/SINGLE LAGERSTROEMIA INDICA 'STANDARD', 11-14' OVERALL HEIGHT	EA		1/1/2014	
0580 5134	LANDSCAPE- TREES, CRAPE MYRTLE STANDARD/SINGLE LAGERSTROEMIA INDICA 'STANDARD', 15-18' OVERALL HEIGHT	EA		1/1/2014	
0580 5142	LANDSCAPE- TREES, CRAPE MYRTLE MULTI LAGERSTROEMIA INDICA 'MULTI', 8-10' OVERALL HEIGHT	EA		1/1/2014	

0580 5143	LANDSCAPE- TREES, CRAPE MYRTLE MULTI LAGERSTROEMIA INDICA 'MULTI', 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5144	LANDSCAPE- TREES, CRAPE MYRTLE MULTI LAGERSTROEMIA INDICA 'MULTI', 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5153	LANDSCAPE- TREES, QUEEN'S CRAPE MYRTLE STANDARD/SINGLE, LAGERSTROEMIA SPECIOSA 'STANDARD', 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5154	LANDSCAPE- TREES, QUEEN'S CRAPE MYRTLE STANDARD/SINGLE, LAGERSTROEMIA SPECIOSA 'STANDARD', 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5163	LANDSCAPE- TREES, QUEEN'S CRAPE MYRTLE MULTIPLE, LAGERSTROEMIA SPECIOSA 'MULTI', 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5164	LANDSCAPE- TREES, QUEEN'S CRAPE MYRTLE MULTIPLE, LAGERSTROEMIA SPECIOSA 'MULTI', 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5171	LANDSCAPE- TREES, BALD CYPRESS TAXODIUM DISTICHUM , UP TO 8' OVERALL HEIGHT	EA	1/1/2014
0580 5172	LANDSCAPE- TREES, BALD CYPRESS TAXODIUM DISTICHUM , 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5173	LANDSCAPE- TREES, BALD CYPRESS TAXODIUM DISTICHUM , 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5174	LANDSCAPE- TREES, BALD CYPRESS TAXODIUM DISTICHUM, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5175	LANDSCAPE- TREES, BALD CYPRESS TAXODIUM DISTICHUM, 19-24' OVERALL HEIGHT	EA	1/1/2014
0580 5183	LANDSCAPE- TREES, GUMBO LIMBO BURSERA SIMARUBA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5184	LANDSCAPE- TREES, GUMBO LIMBO BURSERA SIMARUBA, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5185	LANDSCAPE- TREES, GUMBO LIMBO BURSERA SIMARUBA, 19-24' OVERALL HEIGHT	EA	1/1/2014
0580 5193	LANDSCAPE- TREES, MAGNOLIA BLANCHARD MAGNOLIA GRANDIFLORA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5194	LANDSCAPE- TREES, MAGNOLIA BLANCHARD MAGNOLIA GRANDIFLORA, 15-18' OVERALL HEIGHT	EA	1/1/2014

0580 5195	LANDSCAPE- TREES, MAGNOLIA BLANCHARD MAGNOLIA GRANDIFLORA, 19-24' OVERALL HEIGHT	EA	1/1/2014
0580 5202	LANDSCAPE- TREES, MAGNOLIA LITTLE GEM MAGNOLIA GRANDIFLORA 'LITTLE GEM', 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5203	LANDSCAPE- TREES, MAGNOLIA LITTLE GEM MAGNOLIA GRANDIFLORA 'LITTLE GEM', 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5204	LANDSCAPE- TREES, MAGNOLIA LITTLE GEM MAGNOLIA GRANDIFLORA 'LITTLE GEM', 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5212	LANDSCAPE- TREES, MAGNOLIA SWEET BAY MAGNOLIA VIRGINIA, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5213	LANDSCAPE- TREES, MAGNOLIA SWEET BAY MAGNOLIA VIRGINIA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5223	LANDSCAPE- TREES, LIVE OAK QUERCUS VIRGINIANA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5224	LANDSCAPE- TREES, LIVE OAK QUERCUS VIRGINIANA, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5225	LANDSCAPE- TREES, LIVE OAK QUERCUS VIRGINIANA, 19-24' OVERALL HEIGHT	EA	1/1/2014
0580 5226	LANDSCAPE- TREES, LIVE OAK QUERCUS VIRGINIANA, 25-30' OVERALL HEIGHT	EA	1/1/2014
0580 5232	LANDSCAPE- TREES, SOUTH FLORIDA SLASH PINE PINUS ELLIOTII DENSA, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5233	LANDSCAPE- TREES, SOUTH FLORIDA SLASH PINE PINUS ELLIOTII DENSA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5234	LANDSCAPE- TREES, SOUTH FLORIDA SLASH PINE PINUS ELLIOTII DENSA, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5243	LANDSCAPE- TREES, SILVER TRUMPET TREE TABEBUIA CARAIBA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5244	LANDSCAPE- TREES, SILVER TRUMPET TREE TABEBUIA CARAIBA, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5253	LANDSCAPE- TREES, PINK TRUMPET TREE TABEBUIA HETEROPHYLLA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5254	LANDSCAPE- TREES, PINK TRUMPET TREE TABEBUIA HETEROPHYLLA, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5272	LANDSCAPE- TREES, VERAWOOD BULNESIA ARBOREA, 8-10' OVERALL HEIGHT	EA	1/1/2014

0580 5273	LANDSCAPE- TREES, VERAWOOD BULNESIA ARBOREA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5282	LANDSCAPE- TREES, FLOSS SILK TREE CHORISIA SPECIOSA, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5286	LANDSCAPE- TREES, FLOSS SILK TREE CHORISIA SPECIOSA, 25-30' OVERALL HEIGHT	EA	1/1/2014
0580 5292	LANDSCAPE- TREES, SMALL LEAF CLUSIA TREE FORM CLUSIA GUTTIFERA, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5303	LANDSCAPE- TREES, GREEN BUTTONWOOD CONOCARPUS ERECTUS, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5312	LANDSCAPE- TREES, SILVER BUTTONWOOD CONOCARPUS ERECTUS VAR. SERICEUS, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5313	LANDSCAPE- TREES, SILVER BUTTONWOOD CONOCARPUS ERECTUS VAR. SERICEUS, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5323	LANDSCAPE- TREES, ROYAL POINCIANA DELONIX REGIA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5324	LANDSCAPE- TREES, ROYAL POINCIANA DELONIX REGIA, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5334	LANDSCAPE- TREES, YELLOW POINCIANA/JACARANDA PELTOPHORUM DUBIUM, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5335	LANDSCAPE- TREES, YELLOW POINCIANA/JACARANDA PELTOPHORUM DUBIUM, 19-24' OVERALL HEIGHT	EA	1/1/2014
0580 5341	LANDSCAPE- TREES, FRANGIPANI TREE æBRIDAL BOUQUETæ PLUMERIA PUDICA, UP TO 8' OVERALL HEIGHT	EA	1/1/2014
0580 5353	LANDSCAPE- TREES, MAHOGANY SWIETENIA MAHAGONI, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5354	LANDSCAPE- TREES, MAHOGANY SWIETENIA MAHAGONI, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5355	LANDSCAPE- TREES, MAHOGANY SWIETENIA MAHAGONI, 19-24' OVERALL HEIGHT	EA	1/1/2014
0580 5362	LANDSCAPE- TREES, PARADISE TREE SIMAROUBA GLAUCA, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5374	LANDSCAPE- TREES, WEEPING PODOCARPUS PODOCARPUS GRACILIOR, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5382	LANDSCAPE- TREES, SIMPSON'S STOPPER MYRCIANTHES FRAGRANS, 8-10' OVERALL HEIGHT	EA	1/1/2014

0580 5383	LANDSCAPE- TREES, SIMPSON'S STOPPER MYRCIANTHES FRAGRANS, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5394	LANDSCAPE- TREES, YELLOW POINCIANA PELTOPHORUM PTEROCARPUM, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5395	LANDSCAPE- TREES, YELLOW POINCIANA PELTOPHORUM PTEROCARPUM, 19-24' OVERALL HEIGHT	EA	1/1/2014
0580 5403	LANDSCAPE- TREES, HORSEFLESH MAHOGANY LYSILOMA SABICU, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5413	LANDSCAPE- TREES, EAST PALATKA HOLLY TREE ILEX X ATTENUATA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5414	LANDSCAPE- TREES, EAST PALATKA HOLLY TREE ILEX X ATTENUATA, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5422	LANDSCAPE- TREES, DAHOON HOLLY TREE ILEX CASSINE, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5423	LANDSCAPE- TREES, DAHOON HOLLY TREE ILEX CASSINE, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5433	LANDSCAPE- TREES, SHORT LEAF FIG FICUS CITRIFOLIA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5443	LANDSCAPE- TREES, BRAZILIAN IRONWOOD CAESALPINIA FERREA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5452	LANDSCAPE- TREES, BRIDALVEIL TREE CAESALPINIA GRANDILLO, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5462	LANDSCAPE- TREES, GEIGER TREE CORDIA SEBESTENA, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5473	LANDSCAPE- TREES, PURPLE TRUMPET TREE TABEBUIA IMPETIGINOSA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5481	LANDSCAPE- TREES, HOLLYWOOD LIGNUM VITAE GUAIAECUM SANCTUM, UP TO 8' OVERALL HEIGHT	EA	1/1/2014
0580 5493	LANDSCAPE- TREES, BLACK OLIVE BUCIDA BUCERAS, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5512	LANDSCAPE- TREES, WILLOW BUSTIC, SIDEROXYLON SALICIFOLIUM / DIPHOLIS SALICOFOLIUM, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5513	LANDSCAPE- TREES, WILLOW BUSTIC, SIDEROXYLON SALICIFOLIUM / DIPHOLIS SALICOFOLIUM, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5523	LANDSCAPE- TREES, FLORIDA FLAME RED MAPLE, ACER RUBRUM 'FLORIDA FLAME', 11-14' OVERALL HEIGHT	EA	1/1/2014

0580 5524	LANDSCAPE- TREES, FLORIDA FLAME RED MAPLE, ACER RUBRUM 'FLORIDA FLAME', 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5531	LANDSCAPE- TREES, LOBLOLLY BAY, GORDONIA IASIANTHUS, UP TO 8' OVERALL HEIGHT	EA	1/1/2014
0580 5532	LANDSCAPE- TREES, LOBLOLLY BAY, GORDONIA IASIANTHUS, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5542	LANDSCAPE- TREES, EAGLESTON HOLLY ILEX ATTENUATA 'EAGLESTON', 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5543	LANDSCAPE- TREES, EAGLESTON HOLLY ILEX ATTENUATA 'EAGLESTON', 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5552	LANDSCAPE- TREES, OAK LEAF HOLLY, ILEX CONAF, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5553	LANDSCAPE- TREES, OAK LEAF HOLLY, ILEX CONAF, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5562	LANDSCAPE- TREES, NELLIE R STEVENS HOLLY, ILEX CORNATA 'NELLIE R STEVENS, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5563	LANDSCAPE- TREES, NELLIE R STEVENS HOLLY, ILEX CORNATA 'NELLIE R STEVENS, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5571	LANDSCAPE- TREES, WAX LEAF PRIVET, LIGUSTRUM JAPONICUM, UP TO 8' OVERALL HEIGHT	EA	1/1/2014
0580 5572	LANDSCAPE- TREES, WAX LEAF PRIVET, LIGUSTRUM JAPONICUM, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5583	LANDSCAPE- TREES, SWEETGUM, LIQUIDAMBAR STYRACIFLUA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5593	LANDSCAPE- TREES, BRACKENS BROWN BEAUTY MAGNOLIA, MAGNOLIA GRANDIFLORA 'BRACKENS BR BEAUTY', 11-14' OVERALL HT	EA	1/1/2014
0580 5594	LANDSCAPE- TREES, BRACKENS BROWN BEAUTY MAGNOLIA, MAGNOLIA GRANDIFLORA 'BRACKENS BR BEAUTY', 15-18' OVERALL HT	EA	1/1/2014
0580 5595	LANDSCAPE- TREES, BRACKENS BROWN BEAUTY MAGNOLIA, MAGNOLIA GRANDIFLORA 'BRACKENS BR BEAUTY', 19-24' OVERALL HT	EA	1/1/2014
0580 5601	LANDSCAPE- TREES, SAND PINE PINUS CLAUSA, UP TO 8' OVERALL HEIGHT	EA	1/1/2014
0580 5611	LANDSCAPE- TREES, SLASH PINE PINUS ELLIOTII, UP TO 8' OVERALL HEIGHT	EA	1/1/2014
0580 5612	LANDSCAPE- TREES, SLASH PINE PINUS ELLIOTII, 8-10' OVERALL HEIGHT	EA	1/1/2014

0580 5613	LANDSCAPE- TREES, SLASH PINE PINUS ELLIOTII, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5621	LANDSCAPE- TREES, LONG LEAF PINE PINUS PALUSTRIS, UP TO 8' OVERALL HEIGHT	EA	1/1/2014
0580 5622	LANDSCAPE- TREES, LONG LEAF PINE PINUS PALUSTRIS, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5623	LANDSCAPE- TREES, LONG LEAF PINE PINUS PALUSTRIS, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5631	LANDSCAPE- TREES, LOBLOLLY PINE PINUS TAEDA, UP TO 8' OVERALL HEIGHT	EA	1/1/2014
0580 5632	LANDSCAPE- TREES, LOBLOLLY PINE PINUS TAEDA, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5633	LANDSCAPE- TREES, LOBLOLLY PINE PINUS TAEDA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5642	LANDSCAPE- TREES, CHICKASAW PLUM PRUNUS ANGUSTIFOLIA, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5653	LANDSCAPE- TREES, CATHEDRAL LIVE OAK QUERCUS VIRGINIANA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5654	LANDSCAPE- TREES, CATHEDRAL LIVE OAK QUERCUS VIRGINIANA, 15-18' OVERALL HEIGHT	EA	1/1/2014
0580 5655	LANDSCAPE- TREES, CATHEDRAL LIVE OAK, QUERCUS VIRGINIANA, 19-24' OVERALL HEIGHT	EA	1/1/2014
0580 5663	LANDSCAPE- TREES, JACARANDA JACARANDA MIMIOSAFOLIA, 11-14' OVERALL HEIGHT	EA	1/1/2014
0580 5672	LANDSCAPE- TREES, FLOWERING DOGWOOD CORNUS FLORIDA, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 5682	LANDSCAPE- TREES, EASTERN REDBUD CERCIS CANADENSIS, 8-10' OVERALL HEIGHT	EA	1/1/2014

580- 6-AAB LANDSCAPE- LARGE SHRUB

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

Notes

Details

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

Construction Forms and Documentation

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

TRNS*PORT Category (DRAFT FIELD): 0600 Landscaping

Struct. **580- 6-AAB** **LANDSCAPE- LARGE SHRUB** **EA**

- AA= Type/Family
- 10 MYRICA CERIFERA - WAX MYRTLE
- 11 CHRYSOBALANUS ICACO 'RED TIP' - RED TIP COCOPLUM
- 12 CLUSIA GUTTIFERA 'NANA'- DWARF CLUSIA
- 13 FICUS MICROCARPA 'GREEN ISLAND' - GREEN ISLAND FICUS
- 14 HAMELIA PATENS 'COMPACTA' - DWARF FIREBUSH
- 15 HAMELIA PATENS- FIREBUSH
- 16 MYRCIANTHES FRAGRANS - SIMPSON'S STOPPER
- 17 RHAPHIOLEPIS INDICA - INDIAN HAWTHORNE
- 18 SERENOA REPENS 'CINEREA'- SILVER SAW PALMETTO
- 19 (SERENOA REPENS 'GREEN'- GREEN SAW PALMETTO)
- 20 (Zamia Pumila- Coontie)
- 21 (Zamia Furfuracea- Cardboard Palm/Cardboard Cycad)
- 22 (CONOCARPUS ERECTUS - GREEN BUTTONWOOD)
- 23 (CONOCARPUS ERECTUS VAR. SERICEUS - SILVER BUTTONWOOD)
- 24 (Clusia Guttifera- Clusia)
- 25 (Forestiera segregata- Florida Privet)
- 26 (ILEX VOMITORIA -YAUPON HOLLY)
- 27 (LOROPETULUM CHINENSIS - Chinese Fringe Bush)
- 28 (VIBURNUM OBOVATUM -WALTER VIBURNUM)

Pending:
SERENOA REPENS - SAW PALMETTO: see green and silver above

- B= Size: Large Containers (Gallons)
 1 (7-14 GA)
 2 (15-19 GA)
 3 (20-24 GA)
 4 (25-29 GA)
 5 (30-34 GA)
 6 (35-39 GA)

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
0580 6101	LANDSCAPE- LARGE SHRUB, WAX MYRTLE MYRCIANTHES CERIFERA, 7-14 GALLON CONTAINER	EA		1/1/2014	
0580 6102	LANDSCAPE- LARGE SHRUB, WAX MYRTLE MYRCIANTHES CERIFERA, 15-19 GALLON CONTAINER	EA		1/1/2014	
0580 6103	LANDSCAPE- LARGE SHRUB, WAX MYRTLE MYRCIANTHES CERIFERA, 20-24 GALLON CONTAINER	EA		1/1/2014	
0580 6104	LANDSCAPE- LARGE SHRUB, WAX MYRTLE MYRCIANTHES CERIFERA, 25-29 GALLON CONTAINER	EA		1/1/2014	
0580 6105	LANDSCAPE- LARGE SHRUB, WAX MYRTLE MYRCIANTHES CERIFERA, 30-34 GALLON CONTAINER	EA		1/1/2014	
0580 6111	LANDSCAPE- LARGE SHRUB, RED TIP COCOPLUM CHRYSOBALANUS ICACO 'RED TIP', 7-14 GALLON CONTAINER	EA		1/1/2014	
0580 6121	LANDSCAPE- LARGE SHRUB, DWARF CLUSIA CLUSIA GUTTIFERA 'NANA', 7-14 GALLON CONTAINER	EA		1/1/2014	
0580 6131	LANDSCAPE- LARGE SHRUB, GREEN ISLAND FICUS FICUS MICROCARPA 'GREEN ISLAND', 7-14 GALLON CONTAINER	EA		1/1/2014	
0580 6141	LANDSCAPE- LARGE SHRUB, DWARF FIREBUSH HAMELIA PATENS 'COMPACTA', 7-14 GALLON CONTAINER	EA		1/1/2014	
0580 6152	LANDSCAPE- LARGE SHRUB, FIREBUSH HAMELIA PATENS, 15-19 GALLON CONTAINER	EA		1/1/2014	
0580 6161	LANDSCAPE- LARGE SHRUB, SIMPSON'S STOPPER MYRCIANTHES FRAGRANS, 7-14 GALLON CONTAINER	EA		1/1/2014	
0580 6165	LANDSCAPE- LARGE SHRUB, SIMPSON'S STOPPER MYRCIANTHES FRAGRANS, 30-34 GALLON CONTAINER	EA		1/1/2014	
0580 6171	LANDSCAPE- LARGE SHRUB, INDIAN HAWTHORNE RHAPHIOLEPIS INDICA, 7-14 GALLON CONTAINER	EA		1/1/2014	

0580 6181	LANDSCAPE- LARGE SHRUB, SILVER SAW PALMETTO SERENOA REPENS 'CINEREA', 7-14 GALLON CONTAINER	EA	1/1/2014
0580 6182	LANDSCAPE- LARGE SHRUB, SILVER SAW PALMETTO SERENOA REPENS 'CINEREA', 15-19 GALLON CONTAINER	EA	1/1/2014
0580 6191	LANDSCAPE- LARGE SHRUB, 'GREEN' SAW PALMETTO SERENOA REPENS 'GREEN', 7-14 GALLON CONTAINER	EA	1/1/2014
0580 6201	LANDSCAPE- LARGE SHRUB, COONTIE ZAMIA PUMILA, 7-14 GALLON CONTAINER	EA	1/1/2014
0580 6211	LANDSCAPE- LARGE SHRUB, CARDBOARD PALM/CARDBOARD CYCAD- ZAMIA FURFURACEA, 7-14 GALLON CONTAINER	EA	1/1/2014
0580 6222	LANDSCAPE- LARGE SHRUB, GREEN BUTTONWOOD- CONOCARPUS ERECTUS, 15-19 GALLON	EA	1/1/2014
0580 6232	LANDSCAPE- LARGE SHRUB, SILVER BUTTONWOOD CONOCARPUS ERECTUS VAR. SERICEUS, 8-10' OVERALL HEIGHT	EA	1/1/2014
0580 6241	LANDSCAPE- LARGE SHRUB, CLUSIA CLUSIA GUTTIFERA, 7-14 GALLON CONTAINER	EA	1/1/2014
0580 6251	LANDSCAPE- LARGE SHRUB, FLORIDA PRIVET, FORESTIERA SEGREGATA, 7-14 GALLON CONTAINER	EA	1/1/2014
0580 6261	LANDSCAPE- LARGE SHRUB, YAUPON HOLLY, ILEX VOMITORIA, 7-14 GALLON CONTAINER	EA	1/1/2014
0580 6271	LANDSCAPE- LARGE SHRUB, CHINESE FRINGE BUSH LOROPETULUM CHINENSIS, 7-14 GALLON CONTAINER	EA	1/1/2014
0580 6281	LANDSCAPE- LARGE SHRUB, WALTER VIBURNUM VIBURNUM OBOVATUM, 7-14 GALLON CONTAINER	EA	1/1/2014
0580 6282	LANDSCAPE- LARGE SHRUB, WALTER VIBURNUM VIBURNUM OBOVATUM, 15-19 GALLON CONTAINER	EA	1/1/2014

580- 7-AAB Small Shrub- Ornamental Grass

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

Notes

Details

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

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards
Specifications

TRNS*PORT Category (DRAFT FIELD): 0600 Landscaping

Struct. 580- 7-AAB Small Shrub- Ornamental Grass EA

- AA= Type/Family
- 10 (MULENBERGIS CAPILLARIS - MUHLY GRASS)
- 11 (NEPHROLEPIS EXALTATA - BOSTON FERN)
- 12 (TRIPSACUM FLORIDANA - DWARF FAKAHATCHEE GRASS)
- 13 (Capparis Cynophallophora- Jamaica Caper)
- 14 (Clusia Rosea 'Nana'- Dwarf Pitch Apple)
- 15 (CONOCARPUS ERECTUS VAR. SERICEUS - SILVER BUTTONWOOD)
- 16 (CHRYSOBALANUS ICACO 'Horizontal'- Horizontal Cocoplum)
- 17 (CHRYSOBALANUS ICACO 'Red Tip'- Red Tip Cocoplum)
- 18
- 19 (ILEX VOMITORIA 'Schillings'- Dwarf Yaupon Holly/Schillings Holly)
- 20 (HAMELIA PATENS 'COMPACTA' - DWARF FIREBUSH)
- 21 (HAMELIA PATENS- FIREBUSH)
- 22 (Eugenia Axillaris- White Stopper)
- 23 (Eugenia Foetida- Spanish Stopper)
- 24 (Bougainvillea Silhouette- Bougainvillea Silhouette)
- 25 (Ficus microcarpa 'Green Island'- Green Island Ficus)
- 26 (Zamila Pumila- Coontie)
- 27 (Nephrolepis Falcata 'Macho'- Macho Fern)
- 28 (Pshchotria Nervosa- Wild Coffee)
- 29 (Forestiera segregata- Florida Privet)
- 30 (LOROPETULUM CHINENSIS - Chinese Fringe Bush)
- 31 (SERENOA REPENS 'CINEREA'- SILVER SAW PALMETTO)

- 32 (SERENOA REPENS- SAW PALMETTO)
- 33 (MYRCIANTHES FRAGRANS - SIMPSON'S STOPPER)
- 34 (LYONIA FERRUGINEA -RUSTY LYONIA)
- 35 (LYONIA LUCIDA - FETTERBUSH/Shiney Lyonia)
- 36 (RHUS COPALLINA -SHINING SUMAC)
- 37 (SPARTINA BAKERI -MARSH GRASS/ SAND CORD GRASS)

NOT FOUND: LOROPETULUM CHINENSIS 'RUBY RED' -RUBY RED LOROPETULUM; see 30 Chinese Fringe Bush

B= Size: Small Containers (Gallons)

- 1 (1 GA)
- 2 (2 GA)
- 3 (3 GA)
- 4 (4 GA)
- 5 (5 GA)

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
0580 7103	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, MUHLY GRASS MUHLENBERGIA CAPILLARIS, 3 GALLON CONTAINER	EA		1/1/2014	
0580 7113	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, BOSTON FERN NEPHROLEPIS EXALTATA, 3 GALLON CONTAINER	EA		1/1/2014	
0580 7123	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, DWARF FAKAHATCHEE GRASS, TRIPSACUM FLORIDANA, 3 GALLON CONTAINER	EA		1/1/2014	
0580 7133	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, JAMAICA CAPER CAPPARIS CYNOPHALLOPHORA, 3 GALLON CONTAINER	EA		1/1/2014	
0580 7143	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, DWARF PITCH APPLE- CLUSIA ROSEA 'NANA', 3 GALLON CONTAINER	EA		1/1/2014	
0580 7153	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, SILVER BUTTONWOOD CONOCARPUS ERECTUS VAR. SERICEUS, 3 GALLON	EA		1/1/2014	
0580 7163	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, HORIZONTAL COCOPLUM CHRYSOBALANUS ICACO 'HORIZONTAL', 3 GALLON	EA		1/1/2014	
0580 7173	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, RED TIP COCOPLUM CHRYSOBALANUS ICACO 'RED TIP', 3 GALLON	EA		1/1/2014	
0580 7193	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, DWARF YOUPON HOLLY ILEX VOMITORIA 'SCHILLINGS', 3 GALLON	EA		1/1/2014	

0580 7203	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, DWARF FIREBRUSH- HAMELIA PATENS 'COMPACTA', 3 GALLON	EA	1/1/2014
0580 7213	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, FIREBRUSH- HAMELIA PATENS, 3 GALLON	EA	1/1/2014
0580 7223	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, WHITE STOPPER- EUGENIA AXILLARIS, 3 GALLON	EA	1/1/2014
0580 7233	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, SPANISH STOPPER- EUGENIA FOETIDA, 3 GALLON	EA	1/1/2014
0580 7243	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, BOUGAINVILLEA SILHOUETTE- BOUGAINVILLEA SILHOUETTE, 3 GALLON	EA	1/1/2014
0580 7253	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, GREEN ISLAND FICUS- FICUS MICROCARPA 'GREEN ISLAND', 3 GALLON	EA	1/1/2014
0580 7263	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, COONTIE ZAMIA PUMILA, 3 GALLON	EA	1/1/2014
0580 7273	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, MACHO FERN- NEPHROLEPIS FALCATA 'MACHO', 3 GALLON	EA	1/1/2014
0580 7283	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, WILD COFFEE- PSYCHOTRIA NERVOSA, 3 GALLON	EA	1/1/2014
0580 7293	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, FLORIDA PRIVET FORESTIERA SEGREGATA, 3 GALLON	EA	1/1/2014
0580 7303	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, CHINESE FRINGE BUSH, LOROPETULUM CHINENSIS, 3 GALLON	EA	1/1/2014
0580 7313	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, SILVER SAW PALMETTO SERENOA REPENS 'CINEREA', 3 GALLON	EA	1/1/2014
0580 7323	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, SAW PALMETTO SERENOA REPENS 'CINEREA', 3 GALLON	EA	1/1/2014
0580 7333	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, SIMPSON'S STOPPER MYRCIANTHES FRAGRANS, 3 GALLON	EA	1/1/2014
0580 7343	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, RUSTY LYONIA LYONIA FERRUGINEA, 3 GALLON	EA	1/1/2014
0580 7353	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, FETTERBUSH/ SHINEY LYONIA, LYONIA LUCIDA, 3 GALLON	EA	1/1/2014
0580 7363	LANDSCAPE- SMALL SHRUB/ORNAMENTAL GRASS, SHINING SUMAC RHUS COPALLINA, 3 GALLON	EA	1/1/2014

0580 7373	LANDSCAPE- SMALL SHRUB/ORNAMENTAL EA	1/1/2014
	GRASS, MARSH GRASS/ SAND CORD	
	GRASS, SPARTINA BAKERI, 3 GALLON	

**580-Maint LANDSCAPING- 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. **580-Maint** **LANDSCAPING- 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
E580 2	LANDSCAPE	LS		1/1/2013	
E580 3 1	LANDSCAPE MAINTENANCE (WEED REMOVAL, MANUAL)	SF		1/1/2013	
E580 3 2	LANDSCAPE MAINTENANCE (ACRE)	AC		1/1/2013	
E580173	BED PREPARATION & MULCHING	SY		1/1/2013	
E580301 1	STAKING & GUYING (TREES)	EA		1/1/2013	
E580301 2	STAKING & GUYING (PALMS)	EA		1/1/2013	
E580326 4	MULCH WOOD CHIPS	SY		1/1/2013	
E580332 20	TREE REMOVAL (LESS THAN 4")	EA		1/1/2013	
E580332 21	TREE REMOVAL (4" TO 12")	EA		1/1/2013	

E580332 22	TREE REMOVAL (13" TO 24")	EA	1/1/2013
E580332 23	TREE REMOVAL (25" TO 36")	EA	1/1/2013
E580332 24	TREE REMOVAL (37" TO 48")	EA	1/1/2013
E580332 25	TREE REMOVAL (> 48")	EA	1/1/2013
E580332 97	TREE TRIMMING	EA	1/1/2013
E580332 98	TREE AND BRUSH REMOVAL	PM	1/1/2013
E580332 99	TREE AND BRUSH REMOVAL	AC	1/1/2013
E580333	STUMP REMOVAL (LESS THAN 4")	EA	1/1/2013
E580333 1	STUMP REMOVAL (4" TO 24")	EA	1/1/2013
E580333 2	STUMP REMOVAL (25" TO 48")	EA	1/1/2013
E580333 3	STUMP REMOVAL (> 48")	EA	1/1/2013
E580334 1	STUMP GRINDING (4" TO 24")	EA	1/1/2013
E580334 2	STUMP GRINDING (25" TO 48")	EA	1/1/2013
E580334 3	STUMP GRINDING (> 48")	EA	1/1/2013
E580335 1	PESTICIDE (INSECTICIDE)	GA	1/1/2013
E580335 2	PESTICIDE (FUNGICIDE)	GA	1/1/2013
E580335 5	PESTICIDE (TURF MANAGEMENT)	AC	1/1/2013
E580336	PRUNING AND TRIMMING (LESS THAN 4")	EA	1/1/2013
E580336 1	PRUNING AND TRIMMING (4" TO 24")	EA	1/1/2013
E580336 2	PRUNING AND TRIMMING (> 24")	EA	1/1/2013
E580336 4	PRUNING AND TRIMMING (TREES AND SHRUBS)	PM	1/1/2013
E580336 5	PRUNING AND TRIMMING (TREES AND SHRUBS)	SF	1/1/2013
E580336 12	POWER SHEARING >0' TO 15' WIDTH AND 20' HEIGHT	LF	1/1/2013
E580336 13	POWER SHEARING >0' TO 15' WIDTH GREATER THAN 20' HEIGHT	LF	1/1/2013
E580336 14	PRUNING AND TRIMMING (PALMS)	EA	1/1/2013
E580337 2	HERBICIDE (STRIP APPLICATION)	AC	1/1/2013
E580337 3	HERBICIDE (SPOT APPLICATION < 100 SF)	SF	1/1/2013
E580337 4	HERBICIDE (STRIP APPLICATION)(AQUATIC)	AC	1/1/2013
E580337 5	HERBICIDE (ROOT CONTROL FABRIC)	LF	1/1/2013
E580337 6	HERBICIDE (HAND APPLICATION)	AC	1/1/2013
E580337 8	HERBICIDE (MOWER APPLICATION)	AC	1/1/2013
E580337 11	HERBICIDE (MANUAL APPLICATION)	GA	1/1/2013

**581-Maint GROUND COVER
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. **581-Maint** **GROUND COVER** **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
E581 2	GROUND COVER (10" TO 18" HEIGHT OR SPREAD)	PL		1/1/2013	

583-Maint TREE
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. **583-Maint** **TREE** **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
E583 3	TREE (19" TO 7' HEIGHT OR SPREAD)	PL		1/1/2013	
E583 2	TREE (10" TO 18" HEIGHT OR SPREAD)	PL		1/1/2013	
E583 3	TREE (19" TO 7' HEIGHT OR SPREAD)	PL		1/1/2013	
E583 4	TREE (8' TO 20' HEIGHT OR CLEAR TRUNK)	PL		1/1/2013	
E583 5	TREE (21' OR MORE HEIGHT OR CLEAR TRUNK)	PL		1/1/2013	

584-Maint	PALMS
	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.	584-Maint	PALMS	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
E584 4	PALM SINGLE TRUNK (8' TO 20' HEIGHT OR CLEAR TRUNK)	PL		1/1/2013	

590- 1- LANDSCAPE IRRIGATION SYSTEM

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

Notes **Monitor: Jeff Caster, State Landscape Architect**

Details A Developmental Specification is required; contact the Monitor prior to use.

Additional plan details are required. Include brand name for products, if new system is to be compatible with existing system(s).

Use with other 590 pay items, to provide a complete system. DO NOT USE WITH PAY ITEM 590-70.

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 tabqld: Landscape Tabulation of Quantity Sheet, or SHTabQuantLD2: Landscape Tabulation or Quantities

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):*

Struct. **590- 1- LANDSCAPE IRRIGATION 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
0590 1	LANDSCAPE IRRIGATION SYSTEM	EA	D	1/1/2013	

590- 3- IRRIGATION SYSTEM CONTROLLER

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

Notes **Monitor: Jeff Caster, State Landscape Architect**

Details A Developmental Specification is required; contact the Monitor prior to use.

This item is to be used with other 590 pay items, to provide a complete system. DO NOT USE WITH PAY ITEM 590-70.

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 tabqld: Landscape Tabulation of Quantity Sheet, or
SHTabQuantLD2: Landscape Tabulation or Quantities
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):*

Struct. **590- 3-** **IRRIGATION SYSTEM CONTROLLER** **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
0590 3	IRRIGATION SYSTEM CONTROLLER	EA	D	1/1/2013	

590- 4- IRRIGATION SYSTEM BACKFLOW PREVENTION

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

Notes **Monitor: Jeff Caster, State Landscape Architect**

Details A Developmental Specification is required; contact the Monitor prior to use.

This item is to be used with other 590 pay items, to provide a complete system. DO NOT USE WITH PAY ITEM 590-70.

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 tabqld: Landscape Tabulation of Quantity Sheet, or SHTabQuantLD2: Landscape Tabulation or Quantities
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):*

Struct. 590- 4- IRRIGATION SYSTEM BACKFLOW PREVENTION 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
0590 4	IRRIGATION SYSTEM BACKFLOW PREVENTER	EA	D	1/1/2013	

590- 70- A IRRIGATION SYSTEM

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

Notes

Details

This pay item is intended for the installation/repair of a complete Irrigation System.

New Systems: For new systems, the designer is responsible for full details/specifications, including material requirements for components. A summary table in the plans should list component parts. Load the pay item in the Landscape category.

Repairs: For minor repairs to existing systems, the work and materials required should be detailed in the plans/specifications. When no landscape plans/category exists on a project, load the Irrigation System Repair pay item in the Roadway category. When repairs are completed as part of a Landscape project, no pay item is needed; the work can be included with existing Landscape and/or Irrigation System pay items.

TRANSPORT Category and reporting:
Items loaded in the Landscape Category (0600 Landscape) will be included on the Landscape Report. Items 580-1-A and 590-70 should be included in the landscape 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.

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

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

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):* 0600 Landscaping

Struct. 590- 70- A IRRIGATION SYSTEM LS/LS

A= Type of Work
blank (New System) included in Landscape Category
1 (Repairs) normally included in Roadway category

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
0590 70	IRRIGATION SYSTEM	LS	T	1/1/2013	
0590 70 1	IRRIGATION SYSTEM REPAIRS	LS	T	1/1/2013	

591- 1- AA LANDSCAPE IRRIGATION SLEEVE

Unit LF; M1 **Accuracy** Linear Foot; 1/10 Meter **PlanQuantity?** yes

Notes **Refer to Developmental Design Standard. Project specific pay items are opened upon approval.**

Details Projects with LS Irrigation System:
Include landscape sleeve(s) with LS Irrigation system. Detail size, length, and location in the plans. Monuments, as detailed in the standard or plans, are incidental to the cost of the pipe.

July 2014 and later: Refer to Developmental Design Standard. Project specific pay items are opened upon approval.

Prior to 2014:
This item is intended for Landscape Sleeves installed during roadway construction; they may be used for irrigation systems installed during the existing contract, or a separate contract at a later date.
Per the standard, two sleeves are normally installed: one for water pipe, the other for electrical/control wires. Each sleeve is paid separately, measured from cap to cap.

Pay Item Category: Show the location of the sleeves in the Roadway plans. Load the pay items in the Roadway category. If no roadway plans exist (Landscape contract), both the sleeve and pay item may be included in the landscape plans/category.

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 tabqld: Landscape Tabulation of Quantity Sheet, or
SHTabQuantLD2: Landscape Tabulation of Quantities
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. 591
Specifications

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

TRNS*PORT Category (DRAFT FIELD): 200 or 600 Roadway or Landscaping

Struct. **591- 1- AA** **LANDSCAPE IRRIGATION SLEEVE** **LF**

A= Nominal Pipe Diameter - Valid through June 2014
1 (2")
2 (4")

3 (5")
4 (6")

AA= Size and Project Number, Effective July 2014, as approved by the Monitor
11 (2", 427995-1-52-01) Let May 2015
12 (4", 427995-1-52-01) Let May 2015
13 (4", 239535-3-52-01)
14 (2", 414132-4-52-01) let Dec 2014
15 (4", 414132-4-52-01) let Dec 2014
16 (6", 414132-4-52-01) let Dec 2014

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
0591 1 1	IRRIGATION SLEEVE, 2" DIAMETER	LF		1/1/2013	7/10/2014
0591 1 2	IRRIGATION SLEEVE, 4" DIAMETER	LF		1/1/2013	7/10/2014
0591 1 4	IRRIGATION SLEEVE, 6" DIAMETER	LF		1/1/2013	7/10/2014
0591 1 11	IRRIGATION SLEEVE, 2" DIAMETER, PROJECT NUMBER 42799515201	LF	A	5/1/2015	5/30/2015
0591 1 12	IRRIGATION SLEEVE, 4" DIAMETER, PROJECT NUMBER 42799515201	LF	A	5/1/2015	5/30/2015
0591 1 17	IRRIGATION SLEEVE, 6" DIAMETER, PROJECT NUMBER 24019615201	LF	A	3/1/2015	6/30/2015
0591 1 18	IRRIGATION SLEEVE, 4" DIAMETER, PROJECT NUMBER 24019615201	LF	A	3/1/2015	6/30/2015
0591 1 19	IRRIGATION SLEEVE, 6" DIAMETER, PROJECT NUMBER 431204-1-52-01	LF	A	4/1/2015	4/30/2015
0591 1 20	IRRIGATION SLEEVE, 4" DIAMETER, PROJECT NUMBER 431204-1-52-01	LF	A	4/1/2015	4/30/2015
0591 1 21	IRRIGATION SLEEVE, 2" DIAMETER, PROJECT NUMBER 431204-1-52-01	LF	A	4/1/2015	4/30/2015
0591 1 22	IRRIGATION SLEEVE, 2" DIAMETER, PROJECT NUMBER 428383-1-52-01	LF	A	2/1/2017	3/30/2017
0591 1 23	IRRIGATION SLEEVE, 4" DIAMETER, PROJECT NUMBER 428383-1-52-01	LF	A	2/1/2017	3/30/2017