

50- A- DESIGN / BUILD

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

Notes

Details

This item to be used for Districts letting Design-Build projects. This item to be used only when identified by the District as a "Design-Build" project. Include Initial Contingency Amount under 999- 25 (2999- 25) item.

When multi-category work is called for, use the pay item structure that represents the largest percentage of the total dollars."

Estimators: Verify that contract type is CDB (Construction Design Build).
When entering the pay item, 0 50- A-, use "zero, space, fifty, space, space, operation number", to correctly align pay item digits.

Forms and Documentation: Follow Design-Build Guidelines.

Related Items

Required 999- 25 (2999- 25) **Recommended**

Plan Summary Box

NA: No applicable form/Form not needed
NA

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

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **50- A-** **DESIGN / BUILD** **LS/LS**

- A= Operation
- 1 (Resurfacing)
- 2 (Roadway Construction)
- 4 (Bridge Construction)
- 5 (Buildings/Toll Facilities/Rest Areas/Service Plaza)
- 6 (Traffic Operations)
- 7 (Rail)

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
0 50 1	DESIGN - BUILD, RESURFACING	LS	T	1/1/2013	
0 50 2	DESIGN / BUILD, ROADWAY	LS	T	1/1/2013	
0 50 4	DESIGN / BUILD, BRIDGE CONSTRUCTION	LS	T	1/1/2013	
0 50 5	DESIGN / BUILD, BUILDING / TOLL FACILITY/ REST AREA / SERVICE PLAZA	LS	T	1/1/2013	
0 50 6	DESIGN / BUILD, TRAFFIC OPERATIONS	LS	T	1/1/2013	

99-Maint	LUMP SUM				
	Maintenance Contracts Only				
	Unit	LS/LS	Accuracy	Lump Sum	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):

Struct.	99-Maint	LUMP SUM	LS/LS
		Maintenance Contracts Only	
	A=		
	1 (blank) LS		
	2 (Periodic Payments of Lump Sum) 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
E099 1	LUMP SUM	LS		1/1/2013	
E099 2	PERIODIC PAYMENTS OF LUMP SUM	EA		1/1/2013	

101- 1- MOBILIZATION

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

Notes

Details

Consists of work and operations necessary to begin work on a project. Includes moving in equipment and personnel, establishing temporary offices, safety equipment and sanitary facilities. May include surveying, bond and insurance expenses. In some cases, may consist of security services and/or expenses associated with night work.

For contracts with more than one project, the pay item for Mobilization will be shown on each project's Summary of Pay Items. An exception to this is when the contract contains a Joint Project Agreement (JPA): the Mobilization will not be shown on the Summary of Pay Items for the JPA; the cost of Mobilization will be included in the prime project.

For projects with multiple locations (separate bridges- without connecting roadway, separate intersections), use MOB and MOT only once per project.

TRANSPORT: MOB and MOT are normally loaded in the Roadway category. When no roadway category exists, the designer may load the items into the category that corresponds to the primary work, i.e. structures, signals, or lighting, or a Roadway category may be created for the MOB and MOT items. Refer to Estimates Bulletin 12-13 for additional details.

Related Items

Required

Recommended

Plan Summary Box

Summary of Lump Sum Items
When applicable, show secondary unit quantity in the Design Notes column.

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 Section 101

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 101- 1- **MOBILIZATION** **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
0101 1	MOBILIZATION	LS		1/1/2013	

**101-Maint MOBILIZATION
Maintenance Contracts Only**

Unit Mixed **Accuracy** Refer to item structure and details **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 Maintenance Specifications

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

Struct. **101-Maint** **MOBILIZATION** **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
E101 1 1	MOBILIZATION	LO		1/1/2013	
E101 72	MOBILIZATION (EMERGENCY RESPONSE)	EA		1/1/2013	
E102 1 2	MAINTENANCE OF TRAFFIC	DA		1/1/2013	
E102 1 3	MAINTENANCE OF TRAFFIC	LO		1/1/2013	
E102 1 4	MAINTENANCE OF TRAFFIC (NIGHT WORK)	LO		1/1/2013	
E102 10	OFF-DUTY LAW ENFORCEMENT OFFICER	MH		1/1/2013	
E102 11 1	SERVICE PATROL	EA		1/1/2013	
E102 20	PORTABLE LIGHTING UNIT (MAST MOUNTED)	ED		1/1/2013	
E102 74 9	TRAFFIC CONES	ED		1/1/2013	

E102 97 1	TRUCK MOUNTED ATTENUATOR (TEMPORARY)	ED	1/1/2013
E102 97 2	TRUCK MOUNTED ATTENUATOR (WITH OPERATOR)	HR	1/1/2013
E102 99 1	SIGN VARIABLE MESSAGE (FURNISH ONLY)	ED	1/1/2013
E102100 9	MAINTENANCE SERVICE MONTHLY	EA	1/1/2013
E102100 12	NECESSARY MAINTENANCE SERVICE (STRAIGHT TIME)	HR	1/1/2013
E102100 13	NECESSARY MAINT SERVICE (OVERTIME SUNDAY/HOLIDAY)	HR	1/1/2013
E102100 14	NECESSARY MAINT SERVICE (OVERTIME WEEKDAYS & SAT)	HR	1/1/2013
E102100 16	NECESSARY MAINT SERVICE (ROUND TRIP EXPENSE)	EA	1/1/2013

102- 1- MAINTENANCE OF TRAFFIC

Unit LS/DA **Accuracy** Lump Sum (Day) **PlanQuantity?** no

Notes

Details

Includes all items required to safely maintain traffic throughout a transportation work zone with minimal inconvenience to the public and fit into one of the following categories:

- 1) cannot reasonably be quantified;
- 2) cannot be addressed under current pay items;
- 3) are incidental to the operations necessary to safely maintain traffic throughout a work zone.

Code the second unit of measure (number of days) from the construction day estimate.

DO NOT show quantities for Temporary Drainage which is incidental to MOT activities.

DO NOT include any Erosion Control devices; use 104- xx pay items

DO NOT include temporary fence; see below

DO NOT include temporary asphalt quantities.

For contracts with more than one project, the pay item for Maintenance of Traffic will be shown on each project's Summary of Pay Items. An exception to this is when the contract contains a Joint Project Agreement (JPA): the Maintenance of Traffic will not be shown on the Summary of Pay Items for the JPA; the cost of Maintenance of Traffic will be included in the prime project.

TEMPORARY ASPHALT

Effective January 2015: DO NOT INCLUDE TEMPORARY ASPHALT for payment under MOT, LS. Refer to Special Detour, pay item 102-2.

Through December 2014: Refer to the Design Standards for additional guidance, including temporary asphalt for Diversions.

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 Section 102 of the specifications for guidance on pedestrian treatments, including ADA requirements.

PEDESTRIAN FACILITIES

The contractor is responsible for providing and maintaining an accessible travel path around work sites, in compliance with ADA requirements. DO NOT specify or restrict materials; the contractor may choose from materials meeting ADA requirements. No separate payment is made for Temporary Asphalt or other materials used for pedestrian facilities. Payment is included under 102-1 MOT, LS.

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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 Index No. 600
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102- 1- **MAINTENANCE OF TRAFFIC** **LS/DA**

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
0102 1	MAINTENANCE OF TRAFFIC	LS		1/1/2013	

102- 2- AA SPECIAL DETOUR

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

Notes

July 2015 and later- see details for driveways (not considered Special Detours), removal of Special Detour (included in LS payment), and restoration of detour area (paid under applicable items for permanent items of work).

Details

Effective January 2015:
STANDARD DETOUR: A detour is the redirection of traffic onto an alternate route, using state roads, county roads, or city streets, to bypass the work zone. NO SEPARATE PAYMENT is made for standard detours, other than the detour/work zone signs are paid under 102-60, as needed.

Diversion and Lane Shift: A diversion is a special detour onto a temporary roadway adjacent to the existing or permanent roadway. A lane shift is the redirection of traffic onto a different section of the permanent roadway or shoulder; it may or may not require temporary pavement, depending on existing conditions.

SPECIAL DETOURS: A Special Detour is a diversion or lane shift that requires temporary pavement. Payment for the work of constructing, maintaining, and subsequently removing the special detour (earthwork, base, asphalt, Acrow Bridge, etc.) will be paid for as a special detour. DO NOT INCLUDE traffic control devices, warning devices, barriers, signing, and pavement markings for special detours; they will be paid under their respective items. Removal of the Special detour (earthwork, base, asphalt, acrow bridge, etc.) is INCLUDED in the Lump Sum payment.

RESTORATION: DO NOT INCLUDE permanent features, such as sod or grassing, for restoration of the detour area; they will be paid under their respective items.

TEMPORARY DRIVEWAYS: Temporary driveways are NOT detours. Refer to specification 102 and pay item 102-3 for Commercial Material for Driveway Maintenance.

OVERBUILD: Overbuild is the addition of PERMANENT asphalt to correct the cross slope of existing facilities. Refer to Volume 2, Chapter 6.2 of the PPM for additional guidance. Overbuild is NOT included for payment under MOT- LS or Special Detour.

PEDESTRIAN FACILITIES: Maintenance of pedestrian paths, ramps, and related facilities are subject to the 102 specification, as well as ADA requirements. The contractor may choose from materials meeting ADA requirements. DO NOT restrict materials in the plans. Locations for pedestrian facilities may be shown in the plans, without tabulating material quantities. Payment for maintaining pedestrian facilities is included under 102-1 MOT, LS.

REMOVAL: Removal of Special Detour is included with the LS payment. Examples include milling temporary asphalt material, removing excess base or fill material.

RESTORATION TO FINAL CONFIGURATION:

Prior to January 2015:

Consists of work and materials necessary to construct a diversion (Temp Roadway). May also include temporary bridge (Acrow panel, or similar.) The quantities for major items necessary for the Special Detour shall be shown in the plans but paid for under Special Detour. Items that will be used in the Special Detour that will remain as part of the final product will be paid for under the appropriate pay item (i.e., earthwork). Show the limits of each Special Detour in the plans. Traffic control devices, warning devices, barriers, signing and pavement markings will be paid for separately.

Temporary Detour Bridge: When a temporary detour bridge is used, refer to index 21600 and instructions. The designer should include the following information in the plans:

contact information, location (maintenance yard) of bridge components, and pick-up/delivery instructions.

Related Items	Required	Recommended
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Plan Summary Box	Summary of Special Detour Quantities	
	Additional items may be added, as needed. Use with Summary of Temporary Traffic Control Plan 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	Index No. 21600 Series- Temporary Detour Bridge
	Specifications	Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct.	102- 2- AA	SPECIAL DETOUR	LS/LS
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AA = Detour Number
1 (First Detour Of Several)
2 (Second Detour Of Several)
3 (Third Detour Of Several)
4 (Fourth Detour Of Several)
N (Nth Detour Of Several)

Additional detours opened upon request.

Notes

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

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0102 2 1	SPECIAL DETOUR 1	LS		1/1/2013	
0102 2 2	SPECIAL DETOUR 2	LS		1/1/2013	
0102 2 3	SPECIAL DETOUR 3	LS		1/1/2013	
0102 2 4	SPECIAL DETOUR 4	LS		1/1/2013	
0102 2 5	SPECIAL DETOUR 5	LS		1/1/2013	
0102 2 6	SPECIAL DETOUR 6	LS		1/1/2013	
0102 2 7	SPECIAL DETOUR 7	LS		1/1/2013	

0102 2 8	SPECIAL DETOUR 8	LS	1/1/2013
0102 2 9	SPECIAL DETOUR 9	LS	1/1/2013
0102 2 10	SPECIAL DETOUR 10	LS	1/1/2013
0102 2 11	SPECIAL DETOUR 11	LS	1/1/2013
0102 2 12	SPECIAL DETOUR 12	LS	1/1/2013
0102 2 13	SPECIAL DETOUR 13	LS	1/1/2013
0102 2 14	SPECIAL DETOUR 14	LS	1/1/2013
0102 2 15	SPECIAL DETOUR 15	LS	1/1/2013
0102 2 99	SPECIAL DETOUR- DISASSEMBLE ACROW BRIDGE AND DELIVER TO FDOT MAINTENANCE YARD	LS	1/1/2015

102- 3- COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE

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

Notes

Details

Refer to the specification for acceptable commercial materials.

For Temporary Pavement associated with diversions or lane shifts, refer to Special Detour pay item.

Consists of furnishing and placing suitable material which may be necessary for providing safe access to businesses and residences affected by the construction. If authorized, portions of this material may be salvaged and reused at other driveways along the length of the project.

***** QUANTITY ESTIMATION *****

Effective January 2015:

Use the Summary of Temporary Driveways to identify the locations where commercial material is needed.

Through December 2014:

Quantity Estimation: Use 250 cubic yards per mile (200 cubic meters per kilometer) on rural projects and 500 cubic yards per mile (400 cubic meters per kilometer) on urban projects. Use 250 cubic yards (200 cubic meters) as a minimum, unless otherwise directed by the District Construction Office.

Per the specification, "The quantity to be paid for will be the certified volume, in cubic yards, of all materials authorized by the Engineer, acceptably placed and maintained for driveway maintenance. The volume, which is authorized to be reused, and which is acceptably salvaged, placed, and maintained in other designated driveways will be included again for payment."

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Driveways
Use with Summary of Temporary Traffic Control Plan Items.

Temp Driveways Summary box was updated to include totals; do not transfer total to Temp Traffic Control Plan items.

NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to the Specification 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 plans.

Construction Forms and Documentation

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

References

PPM Chapter
Trns-port
Other
Standards
Specifications Section 102

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

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. 102- 3- COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE 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
0102 3	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY		1/1/2013	

102- 11- SERVICE PATROL- ROAD RANGER OR SIMILAR

Unit MH **Accuracy** Hour **PlanQuantity?** no

Notes

Details

Used when it is determined during design that an active service patrol ("Road Ranger" or similar service) will be needed to keep traffic flowing. The Traffic Control Plan (TCP) or Technical Special Provisions should explain when and where the service patrol will be needed, as well as what type of services will be provided, and what type of service vehicle will be needed. Time shall be based on an 8 hour day.

Coordinate services with District Office(s) that may have a Road Ranger service in effect-Maintenance, Operations, Construction, or other. Do not duplicate services that are available under a separate contract. Refer to Traffic Operations web page for additional information on Road Ranger services.

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 Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References

PPM Chapter
Trns-port
Other
Standards Index No. 600
Specifications

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **102- 11- SERVICE PATROL- ROAD RANGER OR SIMILAR MH**

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
0102 11	SERVICE PATROL- ROAD RANGER OR SIMILAR	MH	D	1/1/2013	

102- 14- TRAFFIC CONTROL OFFICER				
Unit	MH			
Accuracy	Hour			
PlanQuantity?	no			
Notes	Refer to 999-102 for Speed/Law Enforcement			
Details	<p>Details from specification:</p> <p>Provide uniformed traffic control officers, including marked law enforcement vehicles, to assist in controlling and directing traffic in the work zone ONLY when the following types of work is necessary on projects:</p> <p>1 (through Dec 2011) traffic control in a signalized intersection when signals are not in use, 1* (effective January 2012) Directing traffic/overriding the signal in a signalized intersection.</p> <p>2 when standard index no. 619 is used on Interstate roadway at nighttime and called for in the plans,</p> <p>3 when standard index 655 Traffic Pacing for overhead work is called for in the plans or approved by the Engineer, or</p> <p>4 When pulling conductor/cable above an open traffic lane on limited access facilities, when called for in the plans or approved by the Engineer.</p> <p>The Department will include pay item 102- 14 for officers directing traffic as defined above. Pay Item note/plan details are recommended to identify work in accordance with specification. DO NOT USE this pay item for "slowing traffic" or "as needed" law enforcement. For Speed and Law Enforcement officers, see pay item 999-102</p> <p>*ESTIMATING GUIDANCE:</p> <p>For signalized intersections being resurfaced, use 4 hours per each approach lane (through and turn) per lift. Do not count bike lanes or shoulders. The estimate includes the number of TCO hours needed for the operation of milling, sweeping, tacking, paving, installing temporary and permanent pavement markings, and installing loops/other vehicle detection devices.</p> <p>For pacing operations, the number of officers varies by location/project conditions. Contact the District Construction Office for estimating guidance based on project conditions.</p> <p>NOTE: This guidance does not include TCO hours at a signalized intersection for other types of work such as reconstruction, traffic signal components (other than loops), or for other situations specified under FDOT specification 102-7. Include additional hours for these activities.</p> <p>PLAN DETAILS:</p> <p>The specifications (summarized above) control when the 102-14 pay item will be used. The designer may summarize the use of the pay item in the plans- as applicable to the project. DO NOT expand or restrict the intent of the specification language with a plan note.</p>			
Related Items	<table border="0"> <tr> <td>Required</td> <td>Recommended</td> <td>999-102-xxa</td> </tr> </table>	Required	Recommended	999-102-xxa
Required	Recommended	999-102-xxa		
Plan Summary Box	<p>Summary of Temporary Traffic Control Plan Items</p> <p>Expand as needed for additional MOT phases.</p>			
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>				
Design Forms and Documentation	<p>COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation</p> <p>Locate in the plans. Summarize quantities by location in the computation book.</p>			

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

References **PPM Chapter**
Trns-port
Other
Standards Index No. 600, 619, 625, 655
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102- 14- **TRAFFIC CONTROL OFFICER** **MH**

Notes Refer to 999-102 for Speed/Law Enforcement

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
0102 14	TRAFFIC CONTROL OFFICER	MH		1/1/2013	

102- 21- MAINTENANCE OF TRAFFIC- TEMPORARY BRIDGE CLOSURE (For Maintenance Use Only)

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

Notes

Details

FOR MAINTENANCE USE ONLY- Pre-Event contracts.

This item is intended for temporary bridge closures due to flooding.

Maintenance of Traffic for Bridge Closures includes all costs associated with furnishing, installing, and the subsequent removal of all necessary traffic control items. A bridge location is defined as both ends of a structure; in the case of parallel structures both ends of both structures. Necessary items include, Work Zone Barricades (Type III,) High Intensity Flashing Lights, and Bridge Closure Signs. The Contractor is responsible for providing ample traffic control items per each location.

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. 102- 21- MAINTENANCE OF TRAFFIC- TEMPORARY BRIDGE CLOSURE (For Maintenance Use Only) LO

Notes

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

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0102 21	MAINTENANCE OF TRAFFIC- TEMPORARY BRIDGE CLOSURE (BOTH ENDS OF BRIDGE)	LO		1/1/2013	

102- 22- MAINTENANCE OF TRAFFIC- TEMPORARY BRIDGE CLOSURE MONITORING (For Maintenance Use Only)

Unit ED **Accuracy** Each Day **PlanQuantity?** no

Notes

Details

FOR MAINTENANCE USE ONLY- Pre-Event contracts

This item is intended for temporary bridge closures due to flooding.

Maintenance of Traffic monitoring requires the traffic control items to remain in an upright position. High Intensity Lights are to be flashing at all times. Payment will be for each day, per location monitored, recorded on one (1) Work Document, and paid on a monthly basis.

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Traffic Control Plan Items

Expand as needed for additional MOT phases.

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. 102- 22- MAINTENANCE OF TRAFFIC- TEMPORARY BRIDGE CLOSURE MONITORING (For Maintenance Use Only) ED

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
0102 22	MAINTENANCE OF TRAFFIC- TEMPORARY BRIDGE CLOSURE (BOTH ENDS OF BRIDGE), MONITORING	ED		1/1/2013	

102- 60- WORK ZONE SIGN			
Unit	ED		
Accuracy	Each Day		
PlanQuantity?	no		
Notes	Effective July 2014, see 102-62 for barrier mounted signs. Bulletin pending for PPM changes.		
Details	<p>Used for the purpose of informing motorists of the work zone and work zone related (i.e. temporary regulatory or temporary route) conditions that will be encountered. Tabulate the number of individual sign panels (20 square feet or less)/(1.9 square meters or less) as recorded per day for each phase of the project. When multiple signs are located together on a single or multiple posts, each sign panel will be paid for individually.</p> <p>Non-standard sign panels, including Project Information Signs, (greater than 20 square feet)/(greater than 1.9 square meters) will be detailed in the plans and paid for under Maintenance of Traffic, Lump sum.</p> <p>Refer to PPM (Plans Preparation Manual) Vol 1, Chapter 10 for additional information.</p> <p>Work zone sign systems must be listed on the QPL.</p> <p>Through June 2014, barrier mounted signs were included with payment for work zone signs. Effective July 2014, see pay item 102-62 for barrier mounted signs.</p>		
Related Items	<table border="0"> <tr> <td>Required</td> <td>Recommended</td> </tr> </table>	Required	Recommended
Required	Recommended		
Plan Summary Box	<p>Summary of Temporary Traffic Control Plan Items</p> <p>Expand as needed for additional MOT phases.</p>		
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>			
Design Forms and Documentation	<p>COMP 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation</p> <p>Locate in the plans. Summarize quantities by location in the computation book.</p>		
Construction Forms and Documentation	<p>No additional form required; use plans summary or comp book</p> <p>Contractor's Certification of Quantities must be submitted. Record final quantity on the tabulation sheet (plans) or computation form (comp book).</p>		
References	<p>PPM Chapter</p> <p>Trns-port</p> <p>Other</p> <p>Standards Index No. 600</p> <p>Specifications Section 102</p> <p>http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks</p>		
TRNS*PORT Category (DRAFT FIELD): 0200 Roadway			
Struct.	102- 60- WORK ZONE SIGN ED		
Notes	Signs LESS THAN 20 ft² only- see details above		

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
0102 60	WORK ZONE SIGN	ED		1/1/2013	

102- 61- BUSINESS SIGN

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

Notes

Details

Used to assist motorists with finding the appropriate business driveway entrance while the roadway is under construction. The quantity is based on one business sign for each business whose driveway entrance could be affected. When several businesses share a common driveway, one sign per common driveway should be estimated.

Effective January 2011: Per Index 600, Business entrance signs are intended to guide motorist to business entrances moved/modified or disturbed during construction projects. Business entrance signs are not required where there is minimal disruption to business driveways such as with resurfacing type projects.

Per the specifications, "Provide and place signs in accordance with the plans and Design Standards. The maximum sign size is 24 by 36 inches. Use signs with specific business names on each sign. Install logos provided by business owners and approved by the Engineer. Standard Business entrance signs meeting the requirements of Index 17355 without specific business names may be used only with the approval of the Engineer."

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
 Expand as needed for additional MOT phases.

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

References

PPM Chapter
Trns-port
Other
Standards Index No. 600
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **102- 61- BUSINESS SIGN 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
0102 61	BUSINESS SIGN	EA		1/1/2013	

102- 62- BARRIER MOUNTED WORK ZONE SIGN

Unit ED **Accuracy** Each Day **PlanQuantity?**

Notes **Effective July 2014 specification changes. Bulletin needed for PPM requirements.**

Per Specification, only to be used "if post mounting criteria cannot be achieved"

Details Pending bulletin information:

While work zone signs should be post mounted whenever possible, there are some situations where barrier mounted work zone signs are necessary. Per Specifications 102-9.3.2, "if post mounting criteria cannot be achieved in accordance with Design Standards, Index No. 600 and a barrier or traffic railing exists, use temporary sign criteria provided in Design Standards, Index No. 11871." Note that Index 600 allows for the distance between signs to be increased or decreased, due to field conditions, in order to avoid conflicts, or to improve site specific traffic controls.

When post mounted criteria cannot be met, the Designer must show the location of the barrier mounted signs in the plans, and include the pay item for barrier mounted work zone signs. This requirement applies to all work zone signs, including advance work zone signs.

Barrier Mounted Work Zone Signs will no longer be included in the work zone signs pay item 102-60, and will have a separate pay item number 102-62 Barrier Mounted Work Zone Signs.

Design Standards, Index 11871, Sheet 1, Table 1 will be revised to include the 24 square foot work zone sign.

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

Plan Summary Summary of Temporary Traffic Control Plan Items
Box Expand as needed for additional MOT phases.

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. 102- 62- **BARRIER MOUNTED WORK ZONE SIGN** **ED**

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
0102 62	BARRIER MOUNTED WORK ZONE SIGN- INDEX 11871	ED		7/1/2014	

102- 71- AB TEMPORARY BARRIER WALL

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

Notes

Details

Included for the protection of the traveling public and workers.

BARRIER TYPES:

For bridge applications, ONLY Type K permitted. See below for Type K information from IDS for Index 414.

For roadway applications, all types of barriers are permitted. Refer to design standards and/or QPL for deflection space and offset from travel way requirements.

TYPE K: Type K Barriers are required for temporary installations on bridges for traffic separation, shielding drop-offs and shielding work zones without drop-offs. Type K Barriers are required for temporary installations on retaining walls for shielding drop-offs. Type K Barriers can be used on roadways for traffic separation and for shielding work zones, above ground hazards and drop-offs.

MEASUREMENT:

Tabulate Type K quantities separately from concrete barriers.

Barrier Wall may be moved from one location to another on the project. Estimate the length of wall needed for each phase, and then choose the maximum length anticipated for any one phase to be paid for as Temporary Barrier. Phasing in the plans must indicate adequate quantity of barrier prior to calling for relocating of barrier. Add the estimated lengths for the remaining phases together and pay for under Barrier Wall (Temporary) Relocate. When this item is used, include lights or glare screen.

For example:

200 LF needed for phase 1 = 200 LF F&I

300 LF needed for phase 2 = 100 LF left in place from phase 1 (no movement; no payment) +100 LF Relocated from phase 1 +100 LF F&I

150 LF needed for phase 3 = 150 LF relocated from phase 2 (remaining quantity stockpiled; no payment)

400 LF needed for phase 4 = 300 LF relocated from earlier phase(s) or stockpile + 100 LF F&I

200 LF needed for phase 5 using phase 4 wall in existing location = 0 LF relocated (remaining quantity stockpiled, if needed for later use)

Note: No separate payment for "removal" or "stockpiling"

Maximum quantity F&I for above example: 400 LF

Relocate paid when moved to a new phase, NOT when removing or stockpiling.

QPL- Temporary barrier wall shall conform to the requirements of the pre-approved alternatives listed on the Department's Qualified Products List (QPL), unless otherwise called for in the plans.

Related Items **Required** 102- 79 or 102- 94-xab **Recommended** 102- 81- , and/or 102- 89-xxa

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References

PPM Chapter
Trns-port
Other
Standards Index No. 412, 414, 600
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102- 71- AB TEMPORARY BARRIER WALL LF

A = Operation
1 (Furnish & Install)
2 (Relocate)
B = Material
1 (Concrete)
2 (Water filled)
3 (Low Profile Concrete) Index 412
4 (Type K) 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
0102 71 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF		1/1/2013	
0102 71 12	BARRIER WALL, TEMPORARY, F&I, WATERFILLED	LF		1/1/2013	
0102 71 13	BARRIER WALL, TEMPORARY, F&I, LOW PROFILE, CONCRETE	LF		1/1/2013	
0102 71 14	BARRIER WALL, TEMPORARY, F&I, TYPE K	LF		1/1/2013	
0102 71 21	BARRIER WALL, TEMPORARY, RELOCATE, CONCRETE	LF		1/1/2013	
0102 71 22	BARRIER WALL, TEMPORARY, RELOCATE, WATERFILLED	LF		1/1/2013	
0102 71 23	BARRIER WALL, TEMPORARY, RELOCATE, LOW PROFILE, CONCRETE	LF		1/1/2013	
0102 71 24	BARRIER WALL, TEMPORARY, RELOCATE, TYPE K	LF		1/1/2013	

102- 73- TEMPORARY GUARDRAIL

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

Notes

Details

For Temporary applications, use in accordance with Index 400. Payment includes installation, maintenance, and removal of guardrail.

For permanent applications, refer to 536 items.

Per the specification, "The quantity to be paid for will be the length, in feet, of temporary guardrail constructed and certified as installed/used on the project. The length of a run of guardrail will be determined as a multiple of the nominal panel lengths."

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References

PPM Chapter
Trns-port
Other
Standards Index No. 400
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102- 73- **TEMPORARY 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
0102 73	TEMPORARY GUARDRAIL	LF		1/1/2013	

102- 74- A		CHANNELIZING DEVICE	
	Unit	ED	Accuracy Each Day
			PlanQuantity? no
Notes	Effective January 2015: Note unit of measure change for PEDESTRIAN LCDs.		
Details	Effective July 2014: new pay item for Pedestrian LCDs		
	Effective July 2014: Vehicular Channelizing Devices consist of Type I, Type II, and Directional Indicator Barricades, Vertical Panels, Drums, and Vehicular Longitudinal Channelizing Devices (LCD), and are used to channelize vehicular traffic through the work zone. The designer is NOT to add plan notes specifying one type of vehicular channelizing device. These devices are paid ED.		
	Pedestrian Longitudinal Channelizing Devices are used to channelize pedestrians through the work zone. Through December 2015 lettings- When a pedestrian LCD is required, whether a pedestrian ONLY or Pedestrian/Vehicular product is utilized, payment will be made as a pedestrian LCD, per foot. Effective January 2016 lettings- When a pedestrian LCD is required, whether a pedestrian ONLY or Pedestrian/Vehicular product is utilized, payment will be made as a pedestrian LCD, per EACH DAY.		
	NOTE: When a vehicular channelizing device is required, whether a Vehicular ONLY or Pedestrian/Vehicular LCDs is utilized, these devices are interchangeable with other vehicular channelizing devices. However, vehicular ONLY or pedestrian/vehicular LCDs used for this application are paid as the length in feet installed divided by the device spacing for barricades, vertical panels, and drums (per each per day), as shown on Index 600 series.		

	Details through June 2014: Included for the protection of workers and the public from hazards within the traffic control zone. The designer is NOT to add plan notes specifying one type of barricade/channelizing device (Type I, II, DI, VP, Drum, or LCD).		
	DI = Direction Indicator Barricade, shown on Index 600. VP= Vertical Panel LCD= Longitudinal Channelization Device. Includes both pedestrian and vehicular applications.		
	Estimate for each Traffic Control Plan phase based on the type of operation and duration anticipated as follows: Quantity= (Length of Setup / Spacing) X Phase Duration.		
Related Items	Required	Recommended	
Plan Summary Box	Summary of Temporary Traffic Control Plan Items Expand as needed for additional MOT phases.		
	<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>		
Design Forms and Documentation	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 Contractor's Certification of Quantities must be submitted. Record final quantity on the tabulation sheet (plans) or computation form (comp book).		

102- 75- A TEMPORARY LANE SEPARATOR

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

Notes

MOT/Construction item effective January 2013 letting, per specification change (previously paid under LS MOT).

Maintenance/Push Button items are effective July 2012, with details included in the contract.

Refer to Estimates Bulletin 12-09.

Details

Temporary Separator is to be used in accordance with Index 600. Products are listed on the Qualified Products List (QPL).

For construction applications, the product remains the property of the contractor; payment will include Furnish, Install, and removal. Do not specify materials or upright type. Vertical elements will be orange, or orange/white, in accordance with the design standard.

For Maintenance or Push Button applications, the product becomes the property of the Department. Include a contact name and number for pick-up/delivery instructions. The vertical element color may be specified, as needed. Do not restrict the element type or limit suppliers in the contract documents.

Effective July 2014, per specification change, unit of measure changed from PQ to field measure.

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

Design Forms and Documentation

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

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards
Specifications

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

Struct. 102- 75- A TEMPORARY LANE SEPARATOR LF

- A= Operation
- 1 (F&I, remove) MOT Operations during construction contract, effective 1-1-13
- 2 (F&I, remain) Maintenance and Push Button Operations only
- 3 (Install) Maintenance and Push Button Operations only

- 4 (Relocate) Maintenance and Push Button Operations only
- 5 (Remove) Maintenance and Push Button Operations 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
0102 75 1	TEMPORARY SEPARATOR, F&I REMOVE	LF		1/1/2013	
0102 75 1	TEMPORARY SEPARATOR, F&I REMOVE	LF		1/1/2013	
0102 75 2	TEMPORARY SEPARATOR, F&I REMAIN	LF		1/1/2013	
0102 75 2	TEMPORARY SEPARATOR, F&I REMAIN	LF		1/1/2013	
0102 75 3	TEMPORARY SEPARATOR, INSTALL	LF		1/1/2013	
0102 75 3	TEMPORARY SEPARATOR, INSTALL	LF		1/1/2013	
0102 75 4	TEMPORARY SEPARATOR, RELOCATE	LF		1/1/2013	
0102 75 4	TEMPORARY SEPARATOR, RELOCATE	LF		1/1/2013	
0102 75 5	TEMPORARY SEPARATOR, REMOVE	LF		1/1/2013	
0102 75 5	TEMPORARY SEPARATOR, REMOVE	LF		1/1/2013	

102- 76- ARROW BOARD / ADVANCE WARNING ARROW PANEL

Unit ED **Accuracy** Each Day **PlanQuantity?** no

Notes

Details

Included for the purpose of providing advanced warning of a lane closure. (Not intended for lane shifts.) Estimate the number needed for each Traffic Control Plan phase times the phase duration.

NOTE: Refer to specifications for acceptable types. Type B or C boards may be used for 0-50 mph; only Type C boards are acceptable for greater than 50 mph facilities.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References

PPM Chapter
Trns-port
Other
Standards Index No. 600
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **102- 76- ARROW BOARD / ADVANCE WARNING ARROW ED**
PANEL

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
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED		1/1/2013	

102- 77- HIGH INTENSITY FLASHING LIGHT, TEMPORARY, TYPE B

Unit ED **Accuracy** Each Day **PlanQuantity?** no

Notes **PENDING: Valid through December 2015. Use of lights on MOT devices is prohibited, per specification change for January 2016.**

Details Included as a safety device, to draw attention to the warning sign. The lights shall be mounted on the first advanced post mounted warning sign where only one sign is used, and on the first and second advanced post mounted warning signs where two or more signs are used. This applies to all approaches to any work zone. When this item is used, item 102- 60 (2102- 60) must be used.

Refer to the PPM for Warning Lights.

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

Plan Summary Box Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References **PPM Chapter** Vol 1, Ch 10.
Trns-port
Other
Standards Index No. 600
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **102- 77- HIGH INTENSITY FLASHING LIGHT, TEMPORARY, ED**
TYPE B

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
0102 77	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED		1/1/2013	

102- 78- TEMPORARY RETROREFLECTIVE PAVEMENT MARKER

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

Notes

Details

Class A, B, D, or E RPMs used to supplement pavement markings, as shown in Index 600.

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References

PPM Chapter
Trns-port
Other
Standards Index No. 600, 17352
Specifications Section 102

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

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. 102- 78- TEMPORARY RETROREFLECTIVE PAVEMENT MARKER EA

Notes

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

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA		1/1/2013	

102- 79- TYPE C STEADY BURN LIGHT, TEMPORARY, BARRIER WALL MOUNT

Unit ED **Accuracy** Each Day **PlanQuantity?** no

Notes **Valid through June 30, 2014. Effective July 1, 2014, temporary barrier wall will use barrier delineators (reflectors), included in the cost of the Temporary Barrier Wall. Refer to Roadway Design Bulletin 14-06.**

Details These lights are placed on Barrier Wall (Temp), excluding low profile. The standard spacing will be:
50' on centers for transitions, 100' on centers for curves, 200' on centers tangents (15 meters on centers for transitions, 30 meters on centers for curves, 60 meters on centers for tangent);
Curves that are flat enough to maintain a normal 2% cross slope shall have spacing equal to that of a tangent.
QPL- Temporary barrier wall mount lights shall conform to the requirements of the pre-approved alternatives for temporary concrete or water filled barrier wall listed on the Department's Qualified Products List (QPL).

Barrier mounted wall lights will not be required when glare screen is used.

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

Plan Summary Box Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References **PPM Chapter**
Trns-port
Other
Standards Index No. 411, 600
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102- 79- **TYPE C STEADY BURN LIGHT, TEMPORARY, BARRIER WALL MOUNT** **ED**

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.

102- 81- A TEMPORARY CRASH CUSHION- GATING

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

Notes

Monitor:

Details

Contact the State Roadway Design Office, MOT Coordinator, for approval prior to using this item.

Gating crash cushions may be used on bridge decks, where anchorage of redirective crash cushions is not practical.

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Crash Cushions
Details must be provided for each location.

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

Design Forms and Documentation

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

Construction Forms and Documentation

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

References

PPM Chapter
Trns-port
Other
Standards
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102- 81- A TEMPORARY CRASH CUSHION- GATING LO

A = Type
3 (Gating) valid through 6/2014
4, 5, next (Gating- Project number)

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.

102- 89- A TEMPORARY CRASH CUSHION- REDIRECTIVE

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

Notes

Details

Payment will be made based on each location of the crash cushion/attenuator. Redirective cushions selected by contractor, subject to Design Standards. Restricted options to be detailed in plans and documented in project file.
QPL- Temporary Redirective Crash Cushions shall conform to the requirements of the pre-approved alternatives listed on the Department's Qualified Products List (QPL), unless otherwise called for in the plans.

NOTE: Index 415 provides details for shielding exposed ends of temporary concrete barrier wall using crash cushions. A minimum of four (4) units or 50 feet of bolted or staked Type K Barrier is required adjacent to crash cushions.

Through December 2011: All temporary crash cushions use A=7 Redirective Option.

*** Jan 2012 through Dec 2013*****

Effective January 2012: Refer to Estimates Bulletin 11-10 and Mandatory Specification change. Special Provision SP1021312 and pay item 102-89-17 will be used "on projects with less than 50 crash cushions and one of the following work types: Add Lanes and Reconstruction, Add Lanes and Rehab pavement, Interchanges and new road construction."

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.)

*** January 2014 and later *****

Effective January 2014: Refer to Estimates Bulletin 13-06 and current specifications. No allowance for repairs under the 102 pay item. Repairs will be made in accordance with Section 7 of the specifications.

Formerly known as "Impact Attenuators"

Related Items

Required **Recommended** Type K barrier or approved transition

Plan Summary Box

Summary of Temporary Crash Cushions
Details must be provided for each location.

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

Design Forms and Documentation

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

Construction Forms and Documentation

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

References

PPM Chapter
Trns-port
Other

Standards See detail; Index No. 415 (see index for required transition barrier), 430
Specifications Section 102

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

.....
*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. 102- 89- A TEMPORARY CRASH CUSHION- REDIRECTIVE LO

A = Type
 1 (Redirective Option) effective 1-1-14*
 7 (Redirective Option) valid through 12-31-13*
 17 (Redirective Option, less than 50, Capacity Projects) valid through 12-31-13*
 *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
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO		1/1/2014	

102- 94- AB GLARE SCREEN- Temporary

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

Notes

Details

See barrier wall detail for measurement. This item is used with Temporary Barrier Wall (Concrete).

Refer to specification from QPL requirements.

When glare screen is used, barrier mounted lights will not be required.

Related Items

Required 102- 71-xab **Recommended**

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

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

References

PPM Chapter
Trns-port
Other
Standards
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102- 94- AB GLARE SCREEN- Temporary LF

A = Operation
Blank (Furnish and Install)
1 (Relocate)
B = Wall Material
1 (Concrete)

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
0102 94 1	GLARE SCREEN, TEMPORARY, F&I, WALL MATERIAL-CONCRETE	LF		1/1/2013	
0102 94 11	GLARE SCREEN, TEMPORARY, RELOCATE, WALL MATERIAL- CONCRETE	LF		1/1/2013	

102- 98- A BARRICADE TYPE III- TO REMAIN

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

Notes

Details

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

Plan Summary Box Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References **PPM Chapter**
Trns-port
Other
Standards Index No. 600
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102- 98- A BARRICADE TYPE III- TO REMAIN EA

A = Size
2 (6 Feet)

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
0102 98 2	BARRICADE TYPE III -TO REMAIN, 6'	EA		1/1/2013	

102- 99- A PORTABLE CHANGEABLE MESSAGE SIGN- TEMPORARY

Unit ED **Accuracy** Each Day **PlanQuantity?** no

Notes

Details

Should be considered for use in complex, high-density work zones. Messages must be simple, with a minimum number of words and lines, and should require no more than two displays of no more than three lines each. The Traffic Control Plan (TCP) shall include the location and messages to be displayed. Refer to the PPM for message guidelines and acceptable abbreviations.

Estimate the number needed for each traffic control plan phase, times the number of days needed (phase duration). May be used 14 days before contract time begins, as authorized by the Engineer. Not to be used when standard signs are available. Refer to the Plans Preparation Manual for proper usage.

TMC Controlled: Restricted use for Pre-Event, Emergency, and Special situations. Requires coordination with 102 and 990 specifications. Contact the State Specifications Office for additional information.

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References

PPM Chapter Vol 1, Ch 10
Trns-port
Other
Standards Index No. 600
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102- 99- A PORTABLE CHANGEABLE MESSAGE SIGN- TEMPORARY ED

A= Application
blank (Standard)
1 (Traffic Management Center Controlled) 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
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED		1/1/2013	

102-104- TEMPORARY SIGNALIZATION AND MAINTENANCE OF INTERSECTION

Unit ED **Accuracy** Each Day **PlanQuantity?** no

Notes

Details

For existing intersections, the quantity to be paid for will be the number of signalized intersections (per each, per day) for the full duration of the Contract. For temporary intersections, the quantity to be paid for will be the number of signalized intersections per day for the duration of the temporary intersection. No separate payment will be made for temporary signalization and maintenance at new intersections. NOTE: Temporary intersections are locations away from existing or new intersections.

For estimating purposes, the number of days for a temporary intersection will be based on the duration of the applicable Maintenance of Traffic (MOT) phase(s). For payment purposes, the actual number of days will be used.

Estimated Quantity = (# of existing intersections x estimated total contract days) + (# of temporary intersections x estimated # of days for temporary intersection)

Payment Quantity = (# of existing intersections x actual contract days) + (# of temporary intersections x actual # of days for temporary intersection)

NOTE: This pay item should be used on all projects with milling and resurfacing, and signalized intersections. For projects without milling and resurfacing, the designer or project manager should coordinate with the local agency to determine whether the contractor will be required to maintain the signalization equipment within the project limits. Per the specification, this pay item covers shifting signal heads, trouble calls, and maintaining intersection and coordination timing.

DOCUMENTATION (Summary Boxes, October 2014- present): Complete the Summary of Temporary Signalization and Detection, See above for calculations.

DOCUMENTATION (Summary Boxes, January 2014 - September 2014): Complete the Summary of Temporary Signalization, by phase. See above for calculations. Include the totals on the Summary of Temporary Traffic Control Plan Items.

DOCUMENTATION (COMP BOOK, prior to January 2014): The Summary sheet is required in the plans, per Estimates Bulletin, to tabulate quantities by phase. As necessary, the COMP BOOK form may be used to show calculations.

For most projects, use this pay item with 102-107-1 Temporary Detection and Maintenance.

Traffic Control with portable signals used around a work area (single lane closure, two-lane two way, work with in the travelway): When a pair of portable signals is used together to control traffic around a work area, the pair of signals should be considered one intersection. Refer to index 606 and/or detail in plans.

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Signalization
 Summarize quantities by phase, duration, and existing/temporary intersections.

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

References **PPM Chapter**
Trns-port
Other
Standards Index No. 606
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

**Struct. 102-104- TEMPORARY SIGNALIZATION AND MAINTENANCE ED
OF INTERSECTION**

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
0102104	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED		1/1/2013	

102-107- 1 **TEMPORARY TRAFFIC DETECTION AND MAINTENANCE OF INTERSECTION**

Unit ED **Accuracy** Each Day **PlanQuantity?** no

Notes

Details

For existing intersections, the quantity to be paid for will be the number of signalized intersections (per each, per day) beginning the day contract time begins and ending the day the permanent detection is operational and in the final lane configuration. For temporary and new intersections, the quantity to be paid for will be number of signalized intersections per day beginning the day the temporary detection is functional and ending the day the permanent detection is operational and in the final lane configuration for a new intersection or when the detection is removed for a temporary intersection. NOTE: Temporary intersections are locations away from existing or new intersections.

For estimating purposes, the number of days for a temporary intersection will be based on the duration of the applicable Maintenance of Traffic (MOT) phase(s). For payment purposes, the actual number of days will be used.

Estimated Quantity = (# of existing intersections x estimated total contract days) + (# of temporary and new intersections x estimated days for temporary intersection)

Payment Quantity = (# of existing intersections x actual # of contract days until permanent detection is "operational and in the final lane configuration") + (# of temporary and new intersections x actual # of days for temporary detection)

NOTE: This pay item should be used on all projects with milling and resurfacing, and signalized intersections. For projects without milling and resurfacing, the designer or project manager should coordinate with the local agency to determine whether the contractor will be required to maintain the signalization equipment within the project limits. Per the specification, the work included under this pay item includes maintenance of detection for existing intersections.

DOCUMENTATION (Summary Boxes, October 2014- present): Complete the Summary of Temporary Signalization and Detection, See above for calculations.

DOCUMENTATION (Summary Boxes, January 2014 - September 2014): Complete the Summary of Temporary Signalization, by phase. See above for calculations. Include the totals on the Summary of Temporary Traffic Control Plan Items.

DOCUMENTATION (COMP BOOK, prior to January 2014): The Summary sheet is required in the plans, per Estimates Bulletin, to tabulate quantities by phase. As necessary, the COMP BOOK form may be used to show calculations.

For most projects, use this pay item with 102-104 Temporary Signalization and Maintenance.

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Signalization
Summarize quantities by phase, duration, and existing/temporary intersections.

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

References **PPM Chapter**
Trns-port
Other
Standards
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102-107- 1 TEMPORARY TRAFFIC DETECTION AND MAINTENANCE OF INTERSECTION ED

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
0102107 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED		1/1/2013	

102-150- 1 PORTABLE REGULATORY SIGN

Unit ED **Accuracy** Each Day **PlanQuantity?** no

Notes

Details

This device is part of the Motorist Awareness System (MAS). Design should work with Construction to determine the estimated days for each component of the motorist awareness system to be included in the contract.
Portable Regulatory Sign (PRS): The purpose of this device is to highlight the regulatory speed for the work zone. A PRS is a trailer that has the regulatory sign mounted with flashing lights on each side of the sign. The lights are used to draw the driver's attention to the regulatory speed.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References

PPM Chapter
Trns-port
Other
Standards Index No. 670
Specifications Section 102

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

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. **102-150- 1** **PORTABLE REGULATORY SIGN** **ED**

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
0102150 1	PORTABLE REGULATORY, SIGN	ED		1/1/2013	

102-150- 2 RADAR SPEED DISPLAY UNIT

Unit ED **Accuracy** Each Day **PlanQuantity?** no

Notes

Details

This device is part of the Motorist Awareness System. Refer to item 102-150- 1 for additional detail information.
Radar Speed Display Unit (RSDU): The purpose of this device is to display the motorist's work zone speed. A radar speed display unit is a portable trailer that displays the speed of approaching motorists on a LED display panel. The radar mounted on the unit detects the speed. A regulatory sign with the posted speed is mounted above the LED display panel. The unit is fitted with a device which counts the number of vehicles passing the Radar Speed Display Unit. The counter device is capable of: digital readout of the total number of vehicles passing the radar speed display unit, and digital readout of the number of vehicles exceeding the speed limit shown on the radar speed display unit. The device can be set that only speeds greater than the work zone speed are displayed.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References

PPM Chapter
Trns-port
Other
Standards Index No. 670
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102-150- 2 **RADAR SPEED DISPLAY UNIT** **ED**

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
0102150 2	RADAR SPEED DISPLAY UNIT	ED		1/1/2013	

102-909- TEMPORARY RAISED RUMBLE STRIPS (Per Day Measurement- Includes all sets and relocations)

Unit DA **Accuracy** Day **PlanQuantity?** no

Notes **REVIEWERS: NOTE UNIT OF MEASURE is per day, regardless of the number of sets or relocations. Quantity should be for number of days to be used.**

Details Payment is ONE per day that rumble strips are used on a project, regardless of the number of sets used each day or the number of times installed or relocated in a day. All sets must meet the requirements of Index 600. Refer to the current specification for details.

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

Plan Summary Box Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

Design Forms and Documentation

Construction Forms and Documentation

References **PPM Chapter**
Trns-port
Other
Standards Index No. 600
Specifications Section 102

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. **102-909-** **TEMPORARY RAISED RUMBLE STRIPS (Per Day Measurement- Includes all sets and relocations)** **DA**

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
0102909	TEMPORARY RAISED RUMBLE STRIPS	DA		11/1/2013	

102-911- A REMOVABLE TAPE PAVEMENT MARKING - WHITE/BLACK

Unit LF; M1; SF; M2 **Accuracy** Linear Foot; 1/10 Meter; Square Foot; Square Meter **PlanQuantity?** no

Notes

Details

Use of removable work zone pavement markings shall be as defined by 102-10 of the specifications.

OTHER (SF): Pay item 102-911- 3 (2102-911- 3) is used for stop bars, turn arrows, etc.

Related Items

Required

Recommended

Plan Summary Box

Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References

PPM Chapter
Trns-port
Other
Standards Index No. 600
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 102-911- A REMOVABLE TAPE PAVEMENT MARKING - WHITE/BLACK LF; SF

A = Type
1 (Skip) LF
2 (Solid) LF
3 (Other) 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
0102911 1	PAVEMENT MARKING REMOVABLE TAPE, WHITE-BLACK, SKIP	LF		1/1/2013	
0102911 2	PAVEMENT MARKING REMOVABLE TAPE, WHITE-BLACK,SOLID	LF		1/1/2013	
0102911 3	PAVEMENT MARKING REMOVABLE TAPE, WHITE-BLACK, OTHER	SF		1/1/2013	

102-912- A REMOVABLE TAPE PAVEMENT MARKING - YELLOW

Unit LF; M1; SF; M2 **Accuracy** Linear Foot; 1/10 Meter; Square Foot; Square Meter **PlanQuantity?** no

Notes

Details Use of removable work zone pavement markings shall be as defined by 102-10 of the specifications.

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

Plan Summary Box Summary of Temporary Traffic Control Plan Items
Expand as needed for additional MOT phases.

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

References **PPM Chapter**
Trns-port
Other
Standards Index No. 600
Specifications Section 102

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **102-912- A** **REMOVABLE TAPE PAVEMENT MARKING - YELLOW** **LF; SF**

A = Type
1 (Skip) LF
2 (Solid) LF
3 (Other) 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
0102912 1	PAVT MARKING REMOVABLE TAPE, YELLOW, SKIP	LF		1/1/2013	
0102912 2	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID	LF		1/1/2013	
0102912 3	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, OTHER	SF		1/1/2013	

102-Maint	MAINTENANCE OF TRAFFIC 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.	102-Maint	MAINTENANCE OF TRAFFIC Maintenance Contracts Only	Mixed
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E102-75-1 replaced by 102-75-A. Refer to Estimates Bulletin 12-09.

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.

103- 1- A TEMPORARY WORK STRUCTURE

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

Notes

Monitor: Tom Andres

Details

This item is monitored by the State Structures Design Office. Coordinate with the structures office on the use of this item.

The plans shall include drawings depicting the construction methods assumed in the preparation of the plans. The designer shall determine if a temporary structure (temporary bridges, platforms, etc.) is needed to furnish the contractor with access to the site to enable the bridge to be built. When a temporary structure is required, the anticipated structure type will be shown in the plans.

Temporary Structures will be paid separately only if they are required for access or to comply with permit restrictions. If access is available by including, but not limited to, barges, mats, or existing ground, no temporary structure is required.

State Structures Office must request unblock pay item structure.

Related Items

Required

Recommended

Plan Summary Box

Summary of Lump Sum Items

When applicable, show secondary unit quantity in the Design Notes column.

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 Section 103

A: Approvals needed and/or Monitored Item

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

TRNS*PORT Category (DRAFT FIELD): 0200

Roadway

Struct.

103- 1- A

TEMPORARY WORK STRUCTURE

LS/LS

A= Project Number

1 (valid through 12-31-2008; for any project)

2...next number (project number, as approved by State Structures Design Office)

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.

104- 1- ARTIFICIAL COVERINGS/ROLLED EROSION CONTROL PRODUCTS

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

Notes

Details

This item may be used for several purposes. Estimate and/or calculate according to the following information. The total quantity is the sum used for the applicable purposes below. Tabulate the quantity and purpose of each in the plans. Install the product(s) in accordance with the Erosion and Sediment Control Manual.

FOR PAUSES IN CONSTRUCTION: Used for pauses in construction due to inclement weather or other circumstances. For this purpose, artificial coverings may be composed of natural or synthetic fiber mats, plastic sheeting or netting. Estimate 1% of the total permanent grassing area, where the total grassing area is defined as the sum of the seeding + seeding and mulching + sodding areas. Coverings used for this purpose are typically removed when construction resumes.

FOR EROSION CONTROL: Used for erosion control that facilitates plant growth, while permanent grass is established. Biodegradable erosion control blankets are installed over a seeded area and may be used on fill slopes and in ditches, and left in place to biodegrade. Show in plans (plan view or tabulation of quantities) the locations where erosion control blankets are to be used. Calculate the quantity in square yards (square meters).

FOR DRAINAGE CHANNEL: Use the E&SC Manual Selection Guide to determine the correct product type. Shear Stress and velocity calculations must be completed, as shown in the E&SC manual.

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

Plan Summary Box Summary of Erosion and Sediment Control Devices
Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation EMO Summary of Quantities Sheet (sumqem)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

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

References **PPM Chapter**
Trns-port
Other
Standards
Specifications Section 104

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 104- 1- **ARTIFICIAL COVERINGS/ROLLED EROSION CONTROL PRODUCTS** **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
0104 1	ARTIFICIAL COVERINGS /ROLLED EROSION CONTROL PRODUCTS	SY		1/1/2013	

104- 6- TEMPORARY SLOPE DRAIN / RUNOFF CONTROL STRUCTURE

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

Notes **Pay Item Description changed to Runoff Control Structure. Refer to Specification for current usage.**

Details Refer to the Erosion and Sediment Control manual (E&SC manual) for correct use of this item. Runoff Control Structures include temporary slope drains and check dams. All items shown in the manual or design standard are included in the payment, per length, along the centerline of the structure.

Related Items **Required** **Recommended** 104- 5, 575- 5 (2104-5, 2575-5)

Plan Summary Box Summary of Erosion and Sediment Control Devices
Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation EMO Summary of Quantities Sheet (sumqem)
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. 100 (see Index modifications for July 2010; Index 100 is deleted)
Specifications Section 104

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **104- 6- TEMPORARY SLOPE DRAIN / RUNOFF CONTROL LF**
STRUCTURE

Notes

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

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0104 6	TEMPORARY SLOPE DRAIN / RUNOFF CONTROL STRUCTURE	LF		1/1/2013	

104- 7- SEDIMENT BASIN/CONTAINMENT SYSTEM

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

Notes

Details Refer to the Erosion and Sediment Control manual (E&SC manual) for correct use of this item. These systems work to retain sediment, as well as to slow water velocities. Payment will include all items shown in the plans or E&SC manual, for a complete system.

Cleanings to maintain the system will be paid under pay item 104-9.

Related Items **Required** **Recommended** 104- 9- (2104- 9-)

Plan Summary Box Summary of Erosion and Sediment Control Devices
Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation EMO Summary of Quantities Sheet (sumqem)
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. 101, 241
(see Index modifications for July 2010; Index 101 is deleted)
Specifications Section 104

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **104- 7- SEDIMENT BASIN/CONTAINMENT 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
0104 7	SEDIMENT BASIN / CONTAINMENT SYSTEM	EA		1/1/2013	

104- 9- SEDIMENT BASIN/ CONTAINMENT SYSTEM-CLEANOUT

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

Notes

Details

Estimate one cleanout per sediment Basin/Containment system, Item 104- 7 (2104- 7), on the project.

Sediment shall be removed or "cleaned-out" from the basin/containment system, as indicated in the plans, or as directed by the Engineer. Actual number of cleanings will depend on project conditions, as necessary to maintain the containment system(s).

Related Items

Required **Recommended** 104- 7- (2104- 7-)

Plan Summary Box

Summary of Erosion and Sediment Control Devices
 Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation

EMO Summary of Quantities Sheet (sumqem)
 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. 101
 (see Index modifications for July 2010; Index 101 is deleted)
Specifications Section 104
<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. **104- 9-** **SEDIMENT BASIN/ CONTAINMENT SYSTEM-CLEANOUT** **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
0104 9	SEDIMENT BASIN / CONTAINMENT SYSTEM- CLEANOUT	EA		1/1/2013	

104- 10- 3 SEDIMENT BARRIER

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

Notes **See details below for estimating quantities. DO NOT USE PLAN NOTE for replacement after xx months.**

Details To be used in accordance with the Erosion and Sediment Control Manual to protect against downstream accumulation of sediment. Includes synthetic bales, silt fence, and other similar materials shown in the manual.

Refer to the manual for examples of appropriate and inappropriate use of materials.

Payment is made per length of material, for each location on the project, regardless of whether the materials are new or relocated. The contractor must maintain the sediment barrier, by removing sediment, throughout the installed life of the product. No separate payment is made for maintaining the barrier. Refer to the specification for complete payment information.

DO NOT INCLUDE PAY ITEM NOTES for "based on replacement every xx months"; payment includes maintenance of the product in the specified locations, until permanent erosion control features are in place.

DO NOT USE this pay item FOR CURB INLETS or ditch bottom inlet protection; see pay item 104-18.

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

Plan Summary Box Summary of Erosion and Sediment Control Devices
Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation EMO Summary of Quantities Sheet (sumqem)
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 Section 104

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **104- 10- 3** **SEDIMENT BARRIER** **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
0104 10 3	SEDIMENT BARRIER	LF		1/1/2013	

104- 11- A FLOATING TURBIDITY BARRIER

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

Notes

Details

To be used in accordance with the Erosion and Sediment Control Manual. Common uses include areas where dredging, filling or other construction activities may cause turbidity in water. Permit requirements may be applicable.

Per the specifications, each location is paid per length, regardless of whether the barrier is new, used, or relocated from a previous location. The designer should estimate the quantity based on the tabulated length at each location.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Erosion and Sediment Control Devices
Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation

EMO Summary of Quantities Sheet (sumqem)
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. 103
 (see Index modifications for July 2010; Index 103 is deleted)
Specifications Section 104

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 104- 11- A FLOATING TURBIDITY BARRIER LF

A = Blank (Standard)

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
0104 11	FLOATING TURBIDITY BARRIER	LF		1/1/2013	

104- 12- A STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC

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

Notes

Details

To be used in accordance with the Erosion and Sediment Control Manual and the Design Standards.

This item is commonly used in areas where continuous construction activities change the natural contour and drainage runoff. Permit requirements may be applicable.

Related Items

Required

Recommended

Plan Summary Box

Summary of Erosion and Sediment Control Devices
Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation

EMO Summary of Quantities Sheet (sumqem)
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. 103
(see Index modifications for July 2010; Index 103 is deleted)

Specifications

Section 104

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

**Struct. 104- 12- A STAKED TURBIDITY BARRIER- NYLON REINFORCED LF
PVC**

A = Blank (Standard)

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
0104 12	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF		1/1/2013	

104- 15- SOIL TRACKING PREVENTION DEVICE

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

Notes

Details

Should be constructed at points of egress from unstabilized areas of the project to minimize offsite tracking of sediment. to minimize tracking from the roadway portion of the project, use one device per mile (one device per 2 kilometers) with a minimum of two per project. Include an additional device for each storm water pond or mitigation site that is not adjacent to the roadway right-of-way. RRR projects should be handled on a case-by-case basis.

AFTER July 2010: Detail Measurement/Payment in the contract documents, until text is available in the Erosion and Sediment control handbook.

PRIOR TO July 2010 (Index 106): Payment includes excavation, grading, pipe, filter fabric, aggregate, etc., as indicated in Design Standard 106. Separate payment is made for hay bales and silt fence.

Related Items

Required

Recommended

Plan Summary Box

Summary of Erosion and Sediment Control Devices
Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation

EMO Summary of Quantities Sheet (sumqem)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

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

References

PPM Chapter
Trns-port
Other
Standards
Specifications Section 104

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 104- 15- SOIL TRACKING PREVENTION DEVICE 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
0104 15	SOIL TRACKING PREVENTION DEVICE	EA		1/1/2013	

104- 17- SAND FENCE

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

Notes

Details

Temporary fence for sand locations, used for erosion control purposes.

Tech Specs and/or plan details to include: fence size, slat size, post and fence materials, construction, installation, maintenance, removal, measurement, and payment. Spec to include option to allow fence to remain in place, at the discretion of the Engineer.

Related Items

Required

Recommended

Plan Summary Box

Summary of Erosion and Sediment Control Devices

Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation

EMO Summary of Quantities Sheet (sumqem)

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

Construction Forms and Documentation

No additional form required; use plans summary or comp book

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

References

PPM Chapter

Trns-port

Other

Standards

Specifications Section 104

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. 104- 17- **SAND FENCE** **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
0104 17	SAND FENCE	LF	T	1/1/2013	

104- 18- INLET PROTECTION SYSTEM

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

Notes

Details

This item is to be used in accordance with the Plans, Standards, and/or Erosion and Sediment Control Manual for the protection of inlets. Payment per each inlet includes all work and materials for a complete system.

Curb Inlet filters, curb insert protection systems, pipe end cap filters, ditch bottom inlet protection systems ("caps", barriers, and other materials), are included in this pay item. For specific product questions, contact the monitor.

MONITOR: Larry Ritchie, State Construction Office.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Erosion and Sediment Control Devices
Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation

EMO Summary of Quantities Sheet (sumqem)
Locate in plans. Summarize quantities by location on summary sheet in the plans.

Construction Forms and Documentation

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

References

PPM Chapter
Trns-port
Other
Standards
Specifications Section 104

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 104- 18- INLET PROTECTION 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
0104 18	INLET PROTECTION SYSTEM	EA		1/1/2013	

104- 19- CHEMICAL TREATMENT- POWDERED (For Erosion Control)

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

Notes

Details

This item is to be used in accordance with the Erosion and Sediment Control Manual.

Polyacrylamides and Aluminum Sulfate are used to “clarify turbid or sediment laden water that does not yet meet surface water quality standards... or as an amendment to other erosion prevention and sediment control products, to aid in their performance.” This pay item is typically used for soil stabilization in conjunction with Rolled Erosion Control Products (RECP); designers should estimate the same amount of area used for RECPs. The product must be installed in accordance with the chemical manufacturer’s suggested application rate.

Related Items

Required

Recommended

Plan Summary Box

Summary of Erosion and Sediment Control Devices

Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation

EMO Summary of Quantities Sheet (sumqem)

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 Section 104

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 104- 19- **CHEMICAL TREATMENT- POWDERED (For Erosion Control)** **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
0104 19	CHEMICAL TREATMENT- POWDERED, FOR EROSION CONTROL	SY		1/1/2013	

104- 20- CHEMICAL TREATMENT- FLOC LOGS, FLOC SOCKS, OR DRUMS OF PRODUCT (For Erosion Control)

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

Notes

Monitor: Larry Ritchie, Environmental Specialist, State Construction Office

Details

Coordinate the use of this item with the State Construction Office prior to using this pay item..

This item is to be used in accordance with the Erosion and Sediment Control Manual. Method of Measurement is needed within the Specs or Plan Details.

The 104-20 pay item is considered a Contractor's option for sediment control on the project site. It is typically used in conjunction with water treatment systems constructed by the contractor to control sediment that results from project specific issues. Do not use in design without contacting Larry Ritchie, Environmental Specialist, in the State Construction Office.

Related Items

Required

Recommended

Plan Summary Box

Summary of Erosion and Sediment Control Devices

Summarize quantities by location. Columns may be added or deleted.

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

Design Forms and Documentation

EMO Summary of Quantities Sheet (sumqem)

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 Section 104

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

TRNS*PORT Category (DRAFT FIELD): 0200

Roadway

Struct. 104- 20-

CHEMICAL TREATMENT- FLOC LOGS, FLOC SOCKS, OR DRUMS OF PRODUCT (For Erosion Control) EA

Notes

DO NOT USE WITHOUT APPROVAL OF THE MONITOR- Environmental Specialist, State Construction Office.

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
0104 20	CHEMICAL TREATMENT - FLOC LOGS, DRUMS	EA	A	1/1/2013	

104-Maint MOWING
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 ME104

M: Maintenance Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **104-Maint** **MOWING** **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
E104 4 1	MOWING (REGULAR/LARGE MACHINE)	AC		1/1/2013	
E104 4 2	MOWING (SLOPE)	AC		1/1/2013	
E104 4 3	MOWING (SMALL MACHINE)	AC		1/1/2013	
E104 4 4	MOWING (INTERMEDIATE MACHINE)	AC		1/1/2013	
E104 41	MOWING (PERFORMANCE)	LS		1/1/2013	
E104 50	WEED CONTROL MANUAL	AC		1/1/2013	

106-Maint **REMOVAL AND DISPOSAL
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 ME106

M: Maintenance Specifications

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

TRNS*PORT Category (DRAFT FIELD):

Struct. **106-Maint** **REMOVAL AND DISPOSAL
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
E106 22 1	REM & DISPOSAL OF DEAD ANIMALS (0 - 100 LBS)	EA		1/1/2013	
E106 22 5	REMOVAL & DISPOSAL MATERIALS	CY		1/1/2013	

107- 1- LITTER REMOVAL AND DISPOSAL

Unit AC; HA **Accuracy** 1/100 Acre; 1/100 Hectare **PlanQuantity?** no*

Notes

Details

Estimate the area for each phase, based on the Temporary Traffic Control plans.

Effective July 2013: Per the specification, the area for litter removal is from the edge of travel way to right of way. Do not include areas for new landscape; these are included under Section 580. It is not necessary to adjust for inlets, drains, slopes, small variations in tree lines, etc. Estimate one litter removal and mowing cycle per 30 days. Do not adjust the estimated number of cycles for growing season, special events, or project location; these will be adjusted by the engineer during construction, as needed.

Through June 2013 lettings: Use the total area of existing and proposed turf or vegetation to be mowed within the project limits. It is not necessary to adjust for inlets, drains, slopes, small variations in tree lines, etc. Estimate one litter removal and mowing cycle per 30 days, or at 15 day increments (e.g. 30 days, 45 days, or 60 days), for the duration of the project. Do not adjust the estimated number of cycles for growing season, special events, or project location; these will be adjusted by the engineer during construction, as needed. NOTE: 30 days is the minimum number of days, unless otherwise recommended by District policy.

Use a summary table in the plans to show the duration, estimated area, mowing frequency, and estimated number of cycles for each phase and the estimated total area. Use a minimum of 1 cycle per phase; after dividing the cycle duration by the frequency, round to the nearest cycle.

Payment will be based on the area calculated by the Engineer, per litter removal or mowing cycle.

*PQ Additional comments: If the contractor changes phasing, the CEI will still base the payment for that mowing and litter removal cycle by determining the "actual area completed and accepted...determined by calculation using the lengths and widths based on the station to station dimensions shown in the plans." This means that the CEI will figure the area the contractor mowed (or is supposed to mow) by measurements on the plans...i.e., the approximate width mowed on each side times the length, less any areas deducted by engineer (areas not mowed). While this is a final calculation determination of pay area, per 9-1.3, the dimensions should be determined from the plans, rather than field measured, per the 107 spec.

If the number of cycles changes (due to wet or dry weather conditions, grass height, or other), payment will be made for the actual area and number of cycles completed.

While litter removal is normally completed prior to mowing, It is possible to have additional litter cycles (without mowing cycles), when directed by the Engineer.

Mowing/Litter removing contracts separate from construction contracts: When there is an overlap of responsibilities between a construction contract and a maintenance contract, refer to Topic 850-000-005, "Maintenance Responsibilities on Construction Projects". Do not include duplicate mowing/litter removal pay items on the construction contract. Mowing & litter removal operations will be coordinated through the Resident Engineer and the District Maintenance Engineer.

TRANSPORT: For projects with federal funds, this item will appear a "non-participating". For projects without federal funds, no funding flag is needed.

Related Items	Required	Recommended
Plan Summary Box	Summary of Litter Removal and Mowing Each area must be separately identified/summarized by location. Phases may be combined, if no area/quantity changes are needed. Frequency (days) for all design calculations is estimated based on 30 days.	
<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	Summary of Litter Removal and Mowing (SBLitterMowing) 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 PPM Vol 2, 7.4 Trns-port This item will default to "non-participating" on projects with Federal Funds. Other Standards Specifications Section 107	
http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks		

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 107- 1- LITTER REMOVAL AND DISPOSAL AC

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
0107 1	LITTER REMOVAL	AC		1/1/2013	

107- 2- MOWING

Unit AC; HA **Accuracy** 1/100 Acre; 1/100 Hectare **PlanQuantity?** no*

Notes

Details

Estimate the area for each phase, based on the Temporary Traffic Control plans. It is not necessary to adjust for inlets, drains, slopes, small variations in tree lines, etc. Use the total area of existing and proposed turf or vegetation to be mowed within the project limits. It is not necessary to adjust for inlets, drains, slopes, small variations in tree lines, etc.

Effective July 2013: Estimate one litter removal and mowing cycle per 30 days. Do not adjust the estimated number of cycles for growing season, special events, or project location; these will be adjusted by the engineer during construction, as needed.

Through June 2013 lettings: Estimate one litter removal and mowing cycle per 30 days, or at 15 day increments (e.g. 30 days, 45 days, or 60 days), for the duration of the project. Do not adjust the estimated number of cycles for growing season, special events, or project location; these will be adjusted by the engineer during construction, as needed.

Use a summary table in the plans to show the duration, estimated area, mowing frequency, and estimated number of cycles for each phase and the estimated total area. Use a minimum of 1 cycle per phase; after dividing the phase duration by the frequency, round to the nearest cycle.

Related Items

Required

Recommended

Plan Summary Box

Summary of Litter Removal and Mowing
Each area must be separately identified/summarized by location. Phases may be combined, if no area/quantity changes are needed. Frequency (days) for all design calculations is estimated based on 30 days.

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

Design Forms and Documentation

Summary of Litter Removal and Mowing (SBLitterMowing)
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 PPM Vol 2, 7.4
Trns-port This item will default to "non-participating" on projects with Federal Funds.
Other Standards Specifications Section 107

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 107- 2- **MOWING** **AC**

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
0107 2	MOWING	AC		1/1/2013	

108- 1- PROTECTION OF EXISTING STRUCTURES –INSPECTION AND SETTLEMENT MONITORING

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

Notes

Effective July 2015. Replaces 455-18. See bulletin for complete details.

Details

To be used in accordance with Chapter 34 of the PPM- Plan details are required.

Intended for monitoring settlement due to construction of miscellaneous structures (foundations for mast arms, overhead/cantilever signs, high mast poles, etc.) as well as non-miscellaneous structures (excavation, retaining walls, sheet piles, etc.) Refer to the specifications and PPM for criteria. The Engineer of Record MUST identify structures to be monitored in the plans.

Secondary unit of measurement (for estimating purposes only): Each building/structure identified in the plans for monitoring. A building/structure may include a residence, business, or other.

DOCUMENTATION:

Effective July 2015 lettings: Summarize the locations on the Tables, as shown in the PPM/Bulletin, and show the pay item(s) on the Summary of Geotechnical Items without the location. Use a quantity of 1 LS for each pay item on the summary box. (All locations are included under the 1 LS.)

Pending Summary Box: Complete the summary box with location/address information. DO NOT use both summary box and tables; either method is acceptable for projects let through xxxx date.

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
Specifications

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

Struct.

108- 1-

PROTECTION OF EXISTING STRUCTURES –INSPECTION AND SETTLEMENT MONITORING

LS/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
0108 1	PROTECTION OF EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING	LS	P	7/1/2015	

108- 2- PROTECTION OF EXISTING STRUCTURES- VIBRATION MONITORING

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

Notes

Effective July 2015. Replaces 455-18. See bulletin for complete details.

Details

To be used in accordance with Chapter 34 of the PPM- Plan details are required.

Intended for monitoring vibration due to pile driving, sheet pile installation, casing installation, or other similar vibratory activities. The Engineer of Record MUST identify structures to be monitored in the plans.

Secondary unit of measurement (for estimating purposes only): Each building/structure identified in the plans for monitoring. A building/structure may include a residence, business, or other.

DOCUMENTATION:

Effective July 2015 lettings: Summarize the locations on the Tables, as shown in the PPM/Bulletin, and show the pay item(s) on the Summary of Geotechnical Items without the location. Use a quantity of 1 LS for each pay item on the summary box. (All locations are included under the 1 LS.)

Pending Summary Box: Complete the summary box with location/address information. DO NOT use both summary box and tables; either method is acceptable for projects let through xxxx date

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
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. **108- 2-** **PROTECTION OF EXISTING STRUCTURES- VIBRATION MONITORING** **LS/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
0108 2	PROTECTION OF EXISTING STRUCTURES- VIBRATION MONITORING	LS	P	7/1/2015	

108- 3- PROTECTION OF EXISTING STRUCTURES- GROUNDWATER MONITORING

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

Notes

Effective July 2015. Replaces 455-18. See bulletin for complete details.

Details

To be used in accordance with Chapter 34 of the PPM- Plan details are required, as well as a Technical Special Provision for the piezometer installation.

Intended for monitoring groundwater elevations for projects that require dewatering operations. The Engineer of Record MUST identify the location, depth, type, and piezometer details in the plans, after consulting with the Geotechnical Engineer.

Secondary unit of measurement (for estimating purposes only): Each building/structure identified in the plans for monitoring. A building/structure may include a residence, business, or other.

DOCUMENTATION:

Effective July 2015 lettings: Summarize the locations on the Tables, as shown in the PPM/Bulletin, and show the pay item(s) on the Summary of Geotechnical Items without the location. Use a quantity of 1 LS for each pay item on the summary box. (All locations are included under the 1 LS.)

Pending Summary Box: Complete the summary box with location/address information. DO NOT use both summary box and tables; either method is acceptable for projects let through xxxx date.

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
Specifications**

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. 108- 3- **PROTECTION OF EXISTING STRUCTURES- GROUNDWATER MONITORING** **LS/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
0108 3	PROTECTION OF EXISTING STRUCTURES- GROUNDWATER MONITORING	LS	P	7/1/2015	

109- 71- A		FIELD OFFICE	
Unit	DA	Accuracy	Day
PlanQuantity?	no		
Notes	Valid through 6-30-15, per State Construction Office. Project specific pay items will be opened, upon approval of Rudy Powell, State Construction Engineer.		
Details	<p>The designer should contact the District Construction Office to determine if this item should be used on a project. Consists of providing, furnishing and maintaining an Engineer's field office for exclusive use by the Department.</p> <p>Type B Fencing shall be used as detailed on Roadway and Traffic Design Standards, Index No. 452 for enclosing the field office. Payment for the fence shall be included in the bid price of the field office.</p> <p>The field office shall be a building or mobile trailer erected at locations selected by the engineer. The field office shall be paid for at the contract unit price per day.</p> <p>Through December 2011 letting, per the specifications, "Provide a Field Office for Department use beginning 10 calendar days before contract time begins, and remain for 30 days after final acceptance, unless the Department request removal earlier. "</p> <p>Effective January 2012 letting, per the specifications, "Provide a Field Office for Department use beginning 30 calendar days before contract time begins, and remain for 30 days after final acceptance, unless the Department request removal earlier. "</p>		
Related Items	Required	Recommended	
Plan Summary Box	Summary of General Items		
<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	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. 802 Specifications Section 109 http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks		
TRNS*PORT Category (DRAFT FIELD):		0200	Roadway
Struct.	109- 71- A	FIELD OFFICE	DA
	A = Size 1 (300 Sq ft) 2 (600 Sq ft) 3 (900 Sq ft) 4 (1200 Sq ft)		

5 (1500 Sq ft)

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
0109 71 1	FIELD OFFICE, 300 SQ FT	DA		1/1/2013	6/30/2015
0109 71 2	FIELD OFFICE, 600 SQ FT	DA		1/1/2013	6/30/2015
0109 71 3	FIELD OFFICE, 900 SQ FT	DA		1/1/2013	6/30/2015
0109 71 4	FIELD OFFICE,1200 SQ FT	DA		1/1/2013	6/30/2015
0109 71 5	FIELD OFFICE,1500 SQ FT	DA		1/1/2013	6/30/2015

110- 1- 1

CLEARING AND GRUBBING

Unit LS/AC; LS/HA **Accuracy** Lump Sum (1/100 Acre); Lump Sum (1/100 Hectare) **PlanQuantity?** yes

Notes

Details

Consists of complete removal and disposal of all vegetation, debris, drainage structures, flexible pavement, buildings or any other obstructions in all areas where excavation is to be done, or where embankments or structures will be constructed. This includes roadway area, ditch area, borrow and material pits, and areas where culverts or pipe lines will be constructed. Also includes shrub and tree trimming identified in the contract documents.

Code the number of acres (hectares). Locate or define the scope of work involved on the contract plans.

Refer to Pay Item 110-4 for removal of concrete pavement, sidewalk, curb and gutter, etc.

Refer to specifications for guidance "when no direct payment is provided" for clearing and grubbing.

Related Items

Required

Recommended

Plan Summary Box

Summary of Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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 Section 110

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

TRNS*PORT Category (DRAFT FIELD): 0200

Roadway

Struct. 110- 1- 1

CLEARING AND GRUBBING

LS/AC

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
0110 1 1	CLEARING & GRUBBING	LS		1/1/2013	

110- 2- 1 CLEARING AND GRUBBING (PUSH BUTTON CONTRACT)

Unit AC; HA **Accuracy** 1/100 Acre; 1/100 Hectare **PlanQuantity?** no

Notes

Details

FOR PUSH BUTTON CONTRACTS ONLY
Consists of complete removal and disposal of all vegetation, debris, drainage structures, flexible pavement, buildings or any other obstructions identified in the plans or specifications. Locate or define the scope of work involved. (Removal of concrete pavement, non-asphalt, to be paid under 110- 4- (2110- 4-))

Related Items

Required

Recommended

Plan Summary Box

Summary of Removal Items
Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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. 110- 2- 1 **CLEARING AND GRUBBING (PUSH BUTTON CONTRACT)** **AC**

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
0110 2 1	CLEARING & GRUBBING (PUSH BUTTON CONTRACT)	AC		1/1/2013	

110- 3- A REMOVAL OF EXISTING STRUCTURE

Unit LS/SF; LS/M2 **Accuracy** Lump Sum (Square Foot); Lump Sum (Square Meter) **PlanQuantity?** yes

Notes

Details

Used for the removal of existing bridge structures and box culverts. Includes all work of removal (complete and/or partial), and disposal of the designated structures. Code the number of square feet (square meters), out-to-out of coping from begin bridge to end bridge.

If bridge debris is to be delivered to another agency, refer to specifications for delivery location. Delivery costs are included in the price for Removal of Existing Structure.

Add pay item note in plans that address bridges to be completely removed and bridges to be partially removed.

Tabulate bridges by bridge number and deck area to be removed. Quantities are based on out-to-out of coping from begin bridge to end bridge or from coping line to saw cut line from begin bridge to end bridge as applicable. Do not include rip-rap, fill slope area in removal quantity. Detail items to be removed in pay item note. Insert existing bridge plans into plan set. Show existing piling on Foundation Layout Sheet that requires complete removal (conflict with proposed foundations, or conflicts with future channel dredging per permit requirements, etc.).

Related Items

Required

Recommended

Plan Summary Box

Summary of Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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 Section 110

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

TRNS*PORT Category (DRAFT FIELD): 0100

Structures

Struct. 110- 3- A

REMOVAL OF EXISTING STRUCTURE

LS/SF

- A=
blank- LS, details in plans
1 (Bridge Deck- FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY) SF
2 (Removal of Existing Steel Bridge Deck - PUSH BUTTON ONLY) SF
3 (Removal of Existing Pile Jacket - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY) LF
4 (Removal of Existing Sand Cement Riprap - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY) SF
5 (Removal of Existing Bridge Joint - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY) LF
6 (Removal of Existing Concrete Traffic Barrier - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY) LF
7 (Removal of Existing Steel Sidewalk Grating - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY) 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
0110 3	REMOVAL OF EXISTING STRUCTURE	LS		1/1/2013	
0110 3 1	REMOVAL OF EXISTING CONCRETE BRIDGE DECK - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY	SF		6/11/2014	
0110 3 2	REMOVAL OF EXISTING STEEL BRIDGE DECK - PUSH BUTTON ONLY	SF		6/11/2014	
0110 3 3	REMOVAL OF EXISTING PILE JACKET - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY	LF		6/11/2014	
0110 3 4	REMOVAL OF EXISTING SAND CEMENT RIPRAP - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY	SF		6/11/2014	
0110 3 5	REMOVAL OF EXISTING BRIDGE JOINT - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY	LF		6/11/2014	
0110 3 6	REMOVAL OF EXISTING CONCRETE TRAFFIC BARRIER - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY	LF		6/11/2014	
0110 3 7	REMOVAL OF EXISTING STEEL SIDEWALK GRATING - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY	SF		6/11/2014	

110- 4- A		REMOVAL OF EXISTING CONCRETE PAVEMENT	
	Unit	SY; M2	Accuracy Square Yard; Square Meter
	PlanQuantity?		no
Notes	<p>Effective January 2014: Refer to updated specifications 520 and 522 for removal of curb or sidewalk.</p> <p>PENDING- Effective July 2015: Refer to specification 524 for removal of slope/ditch pavement.</p>		
Details	<p>Consists of removing and disposing of existing concrete pavement, concrete sidewalks, slope pavement, ditch pavement and curb and gutter, where required because of construction operations, where the work is NOT included in other operations. Specifically excludes retaining walls and drainage structures.</p> <p>NOTE: Do not include removal of flexible pavement removal under this item. *****</p> <p>PENDING, Effective July 2015: Specification Section 524 was updated to include the removal of slope/ditch pavement in the cost of new slope/ditch pavement. DO NOT USE 110-4 for removal of slope/ditch pavement to be replaced/relocated.</p> <p>Guidance, effective January 2014: Specification Sections 520 and 522 were updated to include the removal of curb (curb & gutter, traffic separators, etc.) and sidewalk (4" or 6" sidewalks or driveways) in the cost of the new/relocated items. DO NOT USE 110-4 for removal of curb or sidewalk to be replaced/relocated.</p> <p>*****</p> <p>Guidance, through December 2013: When is payment included under Clearing and Grubbing? When is Removal of Existing Concrete Pavement needed? Consider project specific conditions: If curb & gutter, sidewalk, etc. would likely be removed during standard clearing and grubbing operations (widening projects), then payment could be included in pay item 110-1. No separate payment is needed. If the project involves removal of concrete pavement, sidewalk, etc., without the broad removal of items normally considered standard clearing and grubbing, then the Removal of Existing Pavement item might be the best choice. The square yard measurement would be clearly defined for these areas. If the project involves replacement of a section of sidewalk and/or curb, the "no direct payment" option might be best; payment would be included in the cost for the new item(s).</p>		
Related Items	Required	Recommended	
Plan Summary Box	<p>Summary of Removal Items</p> <p>Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.</p>		
<i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i>			
Design Forms and Documentation	<p>COMP 700-050-01: Area Computation and Continuation</p> <p>Locate in the plans. Summarize quantities by location in the computation book.</p>		
Construction Forms and Documentation	<p>No additional form required; use plans summary or comp book</p> <p>Record final quantity on the computation book form.</p>		
References	PPM Chapter		

Trns-port
Other
Standards
Specifications Section 110

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

.....
TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 110- 4- A REMOVAL OF EXISTING CONCRETE PAVEMENT SY

A=
blank- SY; NOT for CURB/SIDEWALK REPLACEMENT- see 520 and 522 specs. PENDING- NOT
for Slope/Ditch REPLACEMNT- see 524 spec.

1 (Concrete Sidewalk- for Push Button/Maintenance only) SF
2 (Slope Pevement- for Push Button/Maintenance only) 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
0110 4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY		1/1/2013	
0110 4 1	REMOVAL OF EXISTING CONCRETE SIDEWALK - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY	SF		6/11/2014	
0110 4 2	REMOVAL OF EXISTING CONCRETE SLOPE PAVEMENT - FOR PUSH BUTTON/MAINTENANCE CONTRACTS ONLY	SF		6/11/2014	

110- 5- PLUGGING WATER WELL- ARTESIAN

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

Notes

Details

Artesian is defined in specifications as "an artificial hole in the ground from which water supplies may be obtained and which penetrates any water bearing rock, the water in which is raised to the surface by natural flow..."

The Each pay item is to be used for caps placed on the well. Specifications or plan details are required to detail cap dimensions, materials, and installation instructions.

If the well is to be plugged with flowable fill or similar material, detail work and materials in the contract documents. Tabulate the approximate volume of material to be included in the payment for plugging each well.

Related Items

Required

Recommended

Plan Summary Box

Summary of Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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 Section 110

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 110- 5- PLUGGING WATER WELL- ARTESIAN 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
0110 5	PLUGGING WATER WELLS, ARTESIAN	EA		1/1/2013	

110- 6- PLUGGING WATER WELL- NON-ARTESIAN

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

Notes

Details

Non-Artesian is defined in the specifications as "a well in which the source of water is an unconfined aquifer. The water... does not rise above the source bed."

The Each pay item is to be used for caps placed on the well. Specifications or plan details are required to detail cap dimensions, materials, and installation instructions.

If the well is to be plugged with flowable fill or similar material, detail work and materials in the contract documents. Tabulate the approximate volume of material to be included in the payment for plugging each well.

Related Items

Required

Recommended

Plan Summary Box

Summary of Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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 Section 110

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 110- 6- PLUGGING WATER WELL- NON-ARTESIAN 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
0110 6	PLUGGING WATER WELLS, NON-ARTESIAN	EA		1/1/2013	

110- 7- A MAILBOX

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

Notes

Details

This pay item is used for replacement of residential or business mailboxes that must be removed during construction operations. Refer to Index 532 for details.

DESIGN: Estimate 1 mailbox, furnish and install, for each mailbox affected by construction operations, regardless of the existing condition. DO NOT designate specific boxes to be relocated or reused.

CONSTRUCTION: Furnish and install mailbox, in accordance with the design standards. Custom/non-standard mailboxes cannot be relocated or installed by the Department.

Related Items

Required **Recommended**

Plan Summary Box

Summary of Mailboxes
Summarize each mailbox, 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

SBMailBox: Summary of Mail Boxes
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. 532
Specifications Section 110

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **110- 7- A** **MAILBOX** **EA**

A = Description
1 (Furnish & Install Single)
Relocate: see notes 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
0110 7 1	MAILBOX, F&I SINGLE	EA		1/1/2013	

110- 8- A UNDERWATER DEBRIS REMOVAL

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

Notes

Details

The specification must describe the item in detail, including its acceptance criteria, method of measurement, and for lump sum items, any secondary units of measure. This item should only be used when the designer is reasonably sure of the number of days which will be required for the task. The daily unit cost for the cranes and barges typically used in this item is relatively high and can quickly lead to large overrun costs if the number of days cannot be accurately estimated. Item 110-3 (2110- 3) is a more appropriate item to use when an accurate estimate of days required cannot be made.

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 Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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

Design Forms and Documentation

See Details Above

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

Construction Forms and Documentation

No additional form required; use plans summary or comp book

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

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 110- 8- A **UNDERWATER DEBRIS REMOVAL** **Mixed**

A = Method of Measurement
blank (Day) DA
1 (Weight) TN
2 (Length) 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
0110 8	UNDERWATER DEBRIS REMOVAL	DA	T	1/1/2013	
0110 8 1	UNDERWATER DEBRIS REMOVAL	TN	T	1/1/2013	
0110 8 2	UNDERWATER DEBRIS REMOVAL	LF	T	1/1/2013	

110- 12- A HYDRODEMOLITION

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

Notes

Details

Specifications/Plan details should include limits of payment (in words and/or graphic) for work to be completed. Any additional areas where hydrodemolition is used will be at the contractor's option, at no additional cost to the department.

This item is not intended for the removal/repair of bridge deck joints; include joint rehabilitation work in the appropriate joint pay 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 Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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. 110- 12- A HYDRODEMOLITION SY

A = Description/Unit of Measure
1 (Removal Of Deck Surface) 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
0110 12 1	HYDRODEMOLITION, REMOVAL OF DECK SURFACE	SY	T	1/1/2013	

110- 15- A ARBORIST WORK

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

Notes

Approvals needed. DO NOT use this pay item for routine tree trimming.

Details

This pay item is intended for the Arborist work necessary to protect trees during construction. DO NOT use this pay item for routine tree trimming. This pay item should be limited to "special situations" where trimming cannot be completed by tree trimming services.

Detail all work by tree location in the plans.

TYPE OF WORK:

Complete- Intended for Arborist Work required on multiple trees within a contract's limits. Multiple activities (trimming, relocation, etc.) may be included under this Lump Sum pay item.

Tree Trimming- Intended for arborist cutting of limbs and/or roots. Payment is for each tree trimmed, regardless of the number of roots or branches to be cut on each.

Tree Preservation/Relocation- Intended for the protection of large/historical trees which may require a combination of trimming, relocation, and/or protection. DO NOT USE this item for routine "batterboard" tree protection; standard tree protection is incidental to related roadway items.

Relocate Tree- Intended for the standard relocation of a tree.

TRANSPORT: Load this pay item in the category 0200- ROADWAY. Do not include this pay item in the Landscape plans or landscape category.

Note- When loaded in the Roadway category, this work will NOT be captured with Landscape expenditures.

Related Items

Required

Recommended

Plan Summary Box

Summary of General Items

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

Design Forms and Documentation

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

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

Construction Forms and Documentation

References

PPM Chapter
Trns-port
Other
Standards

Specifications Section 110

A: Approvals needed

*TRNS*PORT Category (DRAFT FIELD):*

Struct. 110- 15- A ARBORIST WORK Mixed

A= Type of Work
 blank (Complete) LS, detailed work in plans
 1 (Tree Trimming- Limbs and Roots) EA, for single tree detailed in plans
 2 (Tree Preservation/Relocation) EA
 4 (Relocate Tree) 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
0110 15	ARBORIST WORK, COMPLETE	LS	A	1/1/2013	6/30/2015
0110 15 1	ARBORIST WORK, TREE TRIMMING- LIMBS/ROOTS	EA	A	1/1/2013	6/30/2015
0110 15 2	ARBORIST WORK, TREE PRESERVATION/ RELOCATION	EA	A	1/1/2013	6/30/2015

110- 20- A REMOVAL OF EXISTING WALL

Unit LS/SF; LS/M2 **Accuracy** Lump Sum (Square Foot); Lump Sum (Square Meter) **PlanQuantity?** yes

Notes

Details

Includes straps, leveling pad, and all incidentals. Horizontal limits and wall heights are to be clearly shown in the plans.

This pay item is intended to separate the wall removal costs from standard clearing and grubbing (earthwork), when significant wall quantities are to be removed. For small quantities, wall removal may be included in standard clearing and grubbing.

Related Items

Required

Recommended

Plan Summary Box

Summary of Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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

References

PPM Chapter
Trns-port
Other
Standards
Specifications

*TRNS*PORT Category (DRAFT FIELD):*

Struct. 110- 20- A REMOVAL OF EXISTING WALL LS/SF

A= Wall Type
1 (MSE Wall)
2 (Retaining Wall)
3 (Noise Wall)

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
0110 20 1	REMOVAL OF EXISTING WALL, MSE WALL	LS		1/1/2013	
0110 20 2	REMOVAL OF EXISTING WALL, RETAINING WALL	LS		1/1/2013	
0110 20 3	REMOVAL OF EXISTING WALL, NOISE WALL	LS		1/1/2013	

110- 25- A ASBESTOS ABATEMENT

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

Notes

Details This item is to be used ONLY when approved by the State Construction Office, when asbestos has been identified, and the abatement work will be completed through the construction contract (by a qualified subcontractor), rather than through a separate CARS contract.

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

Plan Summary Box Summary of Removal Items
Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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

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

Construction Forms and Documentation

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

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

Struct. **110- 25- A** **ASBESTOS ABATEMENT** **Mixed**

A= Project Number
1 (Project)

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.

110- 71- 1 BRIDGE FENDER SYSTEM, REMOVAL & DISPOSAL- REHAB PROJECTS ONLY

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

Notes

Details

For use on Fender System Rehab projects only.
For projects with bridge and fender system replacement, payment for removal and disposal of existing fender system is included under Removal Of Existing Structures, item 110-3.
Plan Details and/or Tech Spec must address proper disposal of timber, as well as measurement and payment of rehab work. Refer to Section 110 of 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 Removal Items
Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 110- 71- 1 **BRIDGE FENDER SYSTEM, REMOVAL & DISPOSAL- REHAB PROJECTS ONLY** **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
0110 71 1	BRIDGE FENDER SYSTEM, REMOVAL & DISPOSAL	LF	T	1/1/2013	

110- 73- REMOVE EXISTING BULKHEAD

Unit LF; M1 **Accuracy** Linear Foot; 1/10 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 Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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

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

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

Struct. 110- 73- **REMOVE EXISTING BULKHEAD** **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
0110 73	REMOVE EXISTING BULKHEAD	LF	D	1/1/2013	

110- 82- REMOVE & DISPOSE STRUCTURAL TIMBER

Unit MB; M3 **Accuracy** 1/10 Thou Board Measure; 1/10 Cubic Meter **PlanQuantity?** no

Notes

Details

one board foot= one foot square by one inch thick; convert to thousand board foot for pay 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 Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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

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

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. 110- 82- REMOVE & DISPOSE STRUCTURAL TIMBER MB

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
0110 82	REMOVE & DISPOSE STRUCTURAL TIMBER	MB	T	1/1/2013	

110- 84- TRANSPORT EXISTING MATERIAL FOR REEF ESTABLISHMENT

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

Notes

Details

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

Related Items

Required

Recommended

Plan Summary Box

Summary of Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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**

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. 110- 84- TRANSPORT EXISTING MATERIAL FOR REEF ESTABLISHMENT 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
0110 84	TRANSPORT EXISTING MATERIAL FOR REEF ESTABLISHMENT	LS	T	1/1/2013	

110- 85- CLEANING INTERIOR OF SEGMENTAL BOX GIRDER SPAN

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

Notes

Details Valid for maintenance use. Detail cleaning requirements in the plans or specifications.

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

Plan Summary Box Summary of Removal Items
Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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

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

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

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

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **110- 85- CLEANING INTERIOR OF SEGMENTAL BOX GIRDER EA**
SPAN

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
0110 85	CLEANING INTERIOR OF SEGMENTAL BOX GIRDER SPAN	EA	T	1/1/2013	

110- 86- DELIVERY OF SALVAGEABLE MATERIAL TO FDOT

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

Notes

Details

Designer must coordinate with Maintenance Office prior to using this item. Plan details should include contact information and delivery location of salvageable material. (This may be accomplished with a pay item note.)

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.

Trnsport Funding: This pay item should remain "participating", unless items of work are specifically identified by Federal Highway to be "non-participating". If used for construction operations, the item will remain "participating".

Related Items

Required

Recommended

Plan Summary Box

Summary of Removal Items

Detail items to be included under Clearing and Grubbing. Other items for removal with separate payment may be included on this form, or included on the applicable Signing, Signalization, or Lighting box.

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 Section 110

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. 110- 86- DELIVERY OF SALVAGEABLE MATERIAL TO FDOT 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
0110 86	DELIVERY OF SALVAGEABLE MATERIAL TO FDOT	LS	T	1/1/2013	

**110-Maint CLEARING AND GRUBBING
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. **110-Maint** **CLEARING AND GRUBBING** **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
E110 2	CLEARING & GRUBBING	AC		1/1/2013	
E110 3 2	REM OF EXIST STRUCTURES	SF		1/1/2013	
E110 3 3	REMOVAL OF EXITING STRUCTURE (INLET)	EA		1/1/2013	
E110 30	LITTER REMOVAL	AC		1/1/2013	
E110 301	LITTER REMOVAL (PERFORMANCE)	LS		1/1/2013	
E110 31	SWEEPING (MECHANICAL)	PM		1/1/2013	
E110 32 1	EDGING AND SWEEPING	PM		1/1/2013	
E110 33	BRIDGE SHOULDER SWEEPING	LF		1/1/2013	
E110 70	REMOVAL OF FLEXIBLE PAVEMENT	SY		1/1/2013	

120- 1-	REGULAR EXCAVATION		
Unit	CY; M3	Accuracy	1/10 Cubic Yard; 1/10 Cubic Meter
PlanQuantity?	yes		

Notes

Details Refer to Plans Preparation Manual, Volume 1, Chapter 3 for guidance on Earthwork Items. This item should be used on projects with cross sections to pay for the quantity of excavation on the project.

Related Items **Required** **Recommended** 120- 6 (2120- 6)

Plan Summary Box Summary of Earthwork
Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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

Design Forms and Documentation SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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 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 3
Trns-port
Other
Standards Index No. 285, 500, 505
Specifications Section 120
<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 120- 1- **REGULAR EXCAVATION** **CY**

Notes Item used for Price Trends Report

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
0120 1	REGULAR EXCAVATION	CY		1/1/2013	

120- 2- A BORROW EXCAVATION

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

Notes

Details

Refer to Plans Preparation Manual, Volume 1, Chapter 3 for guidance on Earthwork Items.

TRUCK MEASURE: This item should only be used on projects with limited or no cross sections. The method to determine the quantity of borrow excavation is as follows:

Fill x Fill Adjustment Factor x Truck Adjustment Factor = Borrow Excavation (Truck Measure).

For example, if the fill adjustment is 20%, the fill adjustment factor is 1.2; and if the truck adjustment is 25%, the truck adjustment factor is 1.25

Applied to the above equation, an original fill amount of 253 CY would become:
253 X 1.2 X 1.25 = 380 CY of Borrow, Truck Measure

Note- the adjustments vary based on the type of material. Per the PPM, contact the District Materials or District Construction Office for project specific numbers.

For final quantity, measure the width, height, and length inside the truck bed; calculate the volume by multiplying those three dimensions. Subtract 2% of the result to account for the hoist box and bed fillets.

Related Items **Required** **Recommended** 120- 71 (2120- 71)

Plan Summary Box

Summary of Earthwork
Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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

Design Forms and Documentation

SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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

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 3
Trns-port
Other
Standards Index No. 500, 505
Specifications Section 120

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 120- 2- A BORROW EXCAVATION CY

A = Measure Type
2 (Truck Measure)

Notes Item used for Price Trends Report

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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
0120 2 2	BORROW EXCAVATION, TRUCK MEASURE	CY		1/1/2013	

120- 3-	LATERAL DITCH EXCAVATION		
Unit	CY; M3	Accuracy	1/10 Cubic Yard; 1/10 Cubic Meter
PlanQuantity?	yes		

Notes

Details

Consists of excavation on portions of lateral ditches beyond the limits of the roadway ROW. Includes inlet and outlet ditches, ditches parallel to the roadway, and may include channel excavation if Item 120-5 (2120- 5) is not used.

Related Items

Required

Recommended

Plan Summary Box

Summary of Earthwork

Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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

Design Forms and Documentation

SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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

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 3

Trns-port

Other

Standards Index No. 281, 500

Specifications Section 120

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 120- 3- LATERAL DITCH EXCAVATION CY

Notes Item used for Price Trends Report

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
0120 3	LATERAL DITCH EXCAVATION	CY		1/1/2013	

120- 4-	SUBSOIL EXCAVATION		
Unit	CY; M3	Accuracy	1/10 Cubic Yard; 1/10 Cubic Meter
PlanQuantity?	no		

Notes

Details

Refer to Plans Preparation Manual, Volume 1, Chapter 3 for guidance on Earthwork Items. Consists of excavation and disposal of muck, clay, rock or other material that is unsuitable in its original position, and that is excavated below the finished grade line template. Also includes all suitable material necessary to be removed in order to excavate the unsuitable material. The areas used to calculate subsoil excavation must also be used in calculating the fill areas, if material is to be replaced.

Related Items

Required

Recommended

120- 2- 2 or 120- 6 (2120- 2- 2 or 2120- 6)

Plan Summary Box

Summary of Earthwork

Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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

Design Forms and Documentation

SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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

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 3

Trns-port

Other

Standards Index No. 500, 505

Specifications Section 120

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

TRNS*PORT Category (DRAFT FIELD): 0200

Roadway

Struct. 120- 4- SUBSOIL EXCAVATION CY

Notes Item used for Price Trends Report

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
0120 4	SUBSOIL EXCAVATION	CY		1/1/2013	

120- 5- CHANNEL EXCAVATION

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

Notes

Details Consists of excavation and disposal of all material from the limits of the channel, within the lines and grades indicated in the plans and permit.

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

Plan Summary Box Summary of Earthwork
Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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

Design Forms and Documentation SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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 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 3
Trns-port
Other
Standards
Specifications Section 120

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 120- 5- **CHANNEL EXCAVATION** **CY**

Notes Item used for Price Trends Report

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
0120 5	CHANNEL EXCAVATION	CY		1/1/2013	

120- 6-	EMBANKMENT		
Unit	CY; M3	Accuracy	1/10 Cubic Yard; 1/10 Cubic Meter
PlanQuantity?	yes		

Notes

Details Refer to Plans Preparation Manual, Volume 1, Chapter 3 for guidance on Earthwork Items. This item should be used on projects with cross sections to pay for the quantity of embankment on the project.

Related Items **Required** **Recommended** 120- 1 (2120- 1)

Plan Summary Box Summary of Earthwork
Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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

Design Forms and Documentation SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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 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 3
Trns-port
Other
Standards Index No. 500, 505
Specifications Section 120
<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 120- 6- **EMBANKMENT** **CY**

Notes Item used for Price Trends Report

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
0120 6	EMBANKMENT	CY		1/1/2013	

120- 9- A DITCH CLEARING OF LARGE VEGETATION- Maintenance use only

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

Notes

Details

This item is intended for maintenance use only.

This item is intended for the removal of large vegetation (3"+ diameter) from ditch. This item may be used in conjunction with Clean and Reshape Ditch, for areas with heavy vegetation growth.

NOTE: It is NOT required for the full length of the ditch- only areas with large vegetation.

After large vegetation is removed from identified areas, Clean and Reshape Ditch (pay item 120-10-AB).

Related Items **Required** **Recommended** 120-10- AB

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 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

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **120- 9- A** **DITCH CLEARING OF LARGE VEGETATION- Maintenance use only** **LF**

A= Width of ditch bottom
1 (up to 15')
2 (15-30')
3 (greater than 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
0120 9 1	DITCH CLEARING OF LARGE VEGETATION, DITCH WIDTH UP TO 15'	LF	M	1/1/2014	
0120 9 2	DITCH CLEARING OF LARGE VEGETATION, DITCH WIDTH 15-30'	LF	M	1/1/2014	
0120 9 3	DITCH CLEARING OF LARGE VEGETATION, DITCH WIDTH GREATER THAN 30'	LF	M	1/1/2014	

120- 10- AB CLEAN AND RESHAPE DITCH- Maintenance use only

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

Notes

Details

This item is intended for maintenance use only.

This item is intended for the cleaning and reshaping of ditches. It includes the spreading or removal of all foreign matter beyond the original profile of the ditch. Payment is made for the full length of the ditch to be cleaned (end-to-end).

For areas with large vegetation, also include pay item 120-9 Ditch Clearing of Large Vegetation. This item is only needed for limited areas with large vegetation, not the full length. See details under 120-9.

Related Items

Required **Recommended** 120- 9- A

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. 120- 10- AB CLEAN AND RESHAPE DITCH- Maintenance use only LF

- A= Disposition of Materials
 - 1 (Spread) spread removed material within project limits
 - 2 (Haul) dispose of materials outside of project limits
- B= Width of ditch bottom
 - 1 (up to 15')
 - 2 (15-30')
 - 3 (greater than 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
0120 10 11	CLEAN AND RESHAPE DITCH, SPREAD, DITCH WIDTH UP TO 15'	LF	M	1/1/2014	
0120 10 12	CLEAN AND RESHAPE DITCH, SPREAD, DITCH WIDTH 15-30'	LF	M	1/1/2014	
0120 10 13	CLEAN AND RESHAPE DITCH, SPREAD, DITCH WIDTH GREATER THAN 30'	LF	M	1/1/2014	
0120 10 21	CLEAN AND RESHAPE DITCH, HAUL, DITCH WIDTH UP TO 15'	LF	M	1/1/2014	
0120 10 22	CLEAN AND RESHAPE DITCH, HAUL, DITCH WIDTH 15-30'	LF	M	1/1/2014	
0120 10 23	CLEAN AND RESHAPE DITCH, HAUL, DITCH WIDTH GREATER THAN 30'	LF	M	1/1/2014	

120- 11- EMBANKMENT- SPECIAL SELECT FOR RIGID PAVEMENT

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

Notes

Details

This item is to be used for the Special Select material (S+) shown on Index 505, sheet 4. Note from Index, "Special Select Soil Option may be used only when approved in writing by the District Materials Engineer and shown in the plans."

Specifications are required to detail materials, placement, measurement and payment.

Related Items

Required 180-72- **Recommended**

Plan Summary Box

Summary of Earthwork

Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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

References

PPM Chapter
Trns-port
Other
Standards Index 505
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):*

Struct. 120- 11- EMBANKMENT- SPECIAL SELECT FOR RIGID PAVEMENT 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
0120 11	EMBANKMENT- SPECIAL SELECT FOR RIGID PAVEMENT	SY		1/1/2013	

120- 71- REGULAR EXCAVATION (3R PROJECTS ONLY)

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

Notes

Details

Refer to Plans Preparation Manual, Volume 1, Chapter 3 for guidance on Earthwork Items. to be used only on resurfacing or minor widening and resurfacing projects which conform to the guidelines in the Plans Preparation Manual. The designer will calculate quantities based on information obtained from the field and the proposed typical section. The designer will continue to show the Summary of Earthwork in the plans. The summary should show all quantities and adjustments.
Effective 7/2000 letting: This item should be used on projects with limited or no cross sections, to pay for the quantity of excavation on the project. Item 120- 2- 2 (2120- 2- 2) should be considered.

Related Items

Required

Recommended

Plan Summary Box

Summary of Earthwork

Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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 Vol 1, Chapter 3

Trns-port

Other

Standards

Specifications Section 120

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 120- 71- REGULAR EXCAVATION (3R 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
0120 71	REGULAR EXCAVATION (3-R PROJECTS ONLY)	LS		1/1/2013	

120- 72- GRAVEL FILL																																					
Unit	CY; M3																																				
Accuracy	1/10 Cubic Yard; 1/10 Cubic Meter																																				
PlanQuantity?	no																																				
Notes	Valid through 6-30-14. Contact the State Estimates Office for future use.																																				
Details	<p>VERIFY WITH SPECIFICATIONS FOR INTENDED APPLICATION. Most applications will include fill with work to be completed. NO SEPARATE PAYMENT for drainage applications.</p> <p>Calculations will be made by the average end area method for all material placed within the limits and according to the detail shown in the plans.</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	<table border="0"> <thead> <tr> <th>Required</th> <th>Recommended</th> </tr> </thead> <tbody> <tr> <td colspan="2">.....</td> </tr> <tr> <td>Plan Summary Box</td> <td>Summary of Earthwork</td> </tr> <tr> <td></td> <td>Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.</td> </tr> <tr> <td colspan="2">.....</td> </tr> <tr> <td></td> <td><i>NOTE: Design Forms and Construction forms below are associated with Comp Book Projects. Refer to Chapter 8 for details.</i></td> </tr> <tr> <td>Design Forms and Documentation</td> <td>SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items and Continuation</td> </tr> <tr> <td></td> <td>Locate in plans. Summarize quantities by location on summary sheet in the plans, or detail calculations in the computation book.</td> </tr> <tr> <td colspan="2">.....</td> </tr> <tr> <td>Construction Forms and Documentation</td> <td>No additional form required; use plans summary or comp book</td> </tr> <tr> <td></td> <td>Measure inside the truck bed; calculate the volume by multiplying those three dimensions. Subtract 2% to account for the hoist box and bed fillets. Record all field records on site source record form and transfer final quantity to computation book.</td> </tr> <tr> <td colspan="2">.....</td> </tr> <tr> <td>References</td> <td> <p>PPM Chapter Vol 1, Chapter 3</p> <p>Trns-port</p> <p>Other</p> <p>Standards</p> <p>Specifications</p> <p style="text-align: center;">T</p> <p>http://www.dot.state.fl.us/specificationoffice/Implemented/SpecBooks</p> </td> </tr> <tr> <td colspan="2">.....</td> </tr> <tr> <td>TRNS*PORT Category (DRAFT FIELD):</td> <td>0200 Roadway</td> </tr> <tr> <td>Struct.</td> <td>120- 72- GRAVEL FILL CY</td> </tr> <tr> <td>Notes</td> <td>.....</td> </tr> <tr> <td></td> <td><i>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.</i></td> </tr> </tbody> </table>	Required	Recommended		Plan Summary Box	Summary of Earthwork		Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.			<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	SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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	No additional form required; use plans summary or comp book		Measure inside the truck bed; calculate the volume by multiplying those three dimensions. Subtract 2% to account for the hoist box and bed fillets. Record all field records on site source record form and transfer final quantity to computation book.		References	<p>PPM Chapter Vol 1, Chapter 3</p> <p>Trns-port</p> <p>Other</p> <p>Standards</p> <p>Specifications</p> <p style="text-align: center;">T</p> <p>http://www.dot.state.fl.us/specificationoffice/Implemented/SpecBooks</p>		TRNS*PORT Category (DRAFT FIELD):	0200 Roadway	Struct.	120- 72- GRAVEL FILL CY	Notes		<i>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.</i>
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120- 73- LIGHTWEIGHT AGGREGATE FILL

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

Notes **Valid through 12-31-14. Contact the Basis of Estimates Coordinator for assistance.**

Details Verify with specifications/standards whether fill material is incidental to installation of other items, such as drainage or utility pipe. Also determine whether payment should be made under embankment or other earthwork.

Calculations will be made by the average end area method for all material placed within the limits and according to the detail shown in the plans.

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 Earthwork
Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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

Design Forms and Documentation SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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 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 3
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. 120- 73- **LIGHTWEIGHT AGGREGATE FILL** **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.

120- 74-

SURCHARGE EMBANKMENT

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

Notes

Details

The work of constructing surcharge fills, as shown in the plans and any extensions thereof, directed by the engineer, shall be included in the price and payment for surcharge embankment. The quantity shall be measured as provided in Section 120, with the exception that the original ground line used in computations shall be the finished grading template for the permanent construction. The measurement shall include only surcharge material actually placed above the original ground line (as defined above) and within the lines and grades for surcharge construction, as indicated in the plans or directed by the engineer. No allowance will be made for subsidence of material below the original ground line, as defined above. The price and payment for surcharge embankment shall be full compensation for all work required to construct and remove surcharge fills, including furnishing from areas provided by the contractor and borrow excavation required. Surcharge embankment requires a Technical Specification for materials, placement, measurement, and payment.

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 Earthwork
Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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

Design Forms and Documentation

SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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

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 3
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. 120- 74-

SURCHARGE EMBANKMENT

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
0120 74	SURCHARGE EMBANKMENT	CY	T	1/1/2013	

120-Maint CLEAN AND RESHAPE DITCH/CANAL 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 Summary of Earthwork
Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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. **120-Maint** **CLEAN AND RESHAPE DITCH/CANAL 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
E120 10 1	CLEAN AND RESHAPE DITCH (SPREAD)	LF		1/1/2013	
E120 10 2	CLEAN AND RESHAPE DITCH (HAUL)	LF		1/1/2013	
E120 10 4	CLEAN AND RESHAPE CANAL (3.5' TO 7.0' DEPTH)	LF		1/1/2013	
E120 10 5	CLEAN AND RESHAPE CANAL (> 7.0' DEPTH)	LF		1/1/2013	

121- 70-	FLOWABLE FILL		
Unit	CY; M3	Accuracy	1/10 Cubic Yard; 1/10 Cubic Meter
PlanQuantity?	no		

Notes

Details Applications for flowable fill include: beddings, encasements, closure for tanks, pipes, and general backfill for trenches.

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 SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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 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. 307
Specifications Section 121

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 121- 70- **FLOWABLE FILL** **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
0121 70	FLOWABLE FILL	CY		1/1/2013	

125- 3- SELECT BEDDING MATERIAL

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

Notes

Details No payment for this material will be made when available from excavation of pipe culvert or from other material from grading operations at a location not sufficiently remote to require loading on trucks.

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

Plan Summary Box Summary of Earthwork
Summarize items by pay item and location. Expanded area calculations may be included with quantity calculations on additional worksheets.

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

Design Forms and Documentation SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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 No additional form required; use plans summary or comp book
Measure inside the truck bed; calculate the volume by multiplying those three dimensions. Subtract 2% to account for the hoist box and bed fillets. Record all field records on site source record form and transfer final quantity to computation book.

References **PPM Chapter**
Trns-port
Other
Standards
Specifications Section 125

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 125- 3- **SELECT BEDDING MATERIAL** **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
0125 3	SELECT BEDDING MATERIAL	CY		1/1/2013	

129- 1-AAA

NATURAL DISASTER/PRE-EVENT CONTRACTS

Maintenance Contracts Only

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

Notes

MONITOR: Deanna Carroll

Coordinate with the State Maintenance Office prior to using these items.

Details

Valid for Emergency Pre-event or Emergency Response contracts. May need to be coordinated with FEMA for post-event response contracts.

DO NOT use these items on standard Design-Construction contracts.

Crew Pre-positioning: Specifications should indicate that payment will be made for each crew, per day. This item is normally used with cut and toss, for pre-event contracts.

Crew: 2 People and vehicle, per hour. Specifications should indicate any specialized equipment that may need to be included with the vehicle. Overtime, after 8 hours, needs to be defined in the specifications- per 24 hour period, continuous shift, etc.

Cut and Toss: Hourly rate normally includes vehicle, 2 chain saw operators, and a supervisor. Specifications should detail specific requirements for contract. This item is normally used with crew pre-positioning, for pre-event contracts.

COLLECTION, HAULING, AND REDUCTION ITEMS:

Loading and Hauling debris to TDS site: Specifications must define measurement of the load, i.e. per truck volume, for a full to "slightly mounded" load. Quantity to be reduced for a partial load, based on truck volume. Price to include Maintenance of Traffic (MOT), CY

Reduction by grinding at the TDS, CY: Specifications to indicate whether this is based on volume of ground material, or truck load of loose unground material.

Reduction by incineration at the TDS, CY: Specifications to indicate how material is to be measured, before or after incineration.

Stump removal, per each. Specifications should indicate that no separate payment is made for stumps less than 24".

MISCELLANEOUS ITEMS:

Sweeping Curb and Gutter, HR: Payment will be made per person for sweeping with power blower. Equipment provided by the contractor.

Vacuum Inlets, HR: Payment will be made for clearing debris from inlets.

Removal of Hanging Limbs, HR: Payment will be made for each person removing hanging limbs.

Loading and hauling construction and demolition debris, CY: Specifications must define measurement of the load, i.e. per truck volume, for a full to "slightly mounded" load. Quantity to be reduced for a partial load, based on truck volume. Price to include Maintenance of Traffic (MOT), CY

White Goods and Hazardous Household Waste Disposal, EA: Specifications should indicate that payment is based on each "white good" . Define Hazardous waste disposal?

Freon Recovery, EA: Specifications need to define the work (remove, recover, etc.) to be completed. Payment is for each white good properly serviced to recover the Freon.

LOADING OF REDUCED MATERIAL, FINAL DISPOSITION
Loading and Hauling Reductions to a final disposition site, including MOT, CY:
Specifications to indicate whether this is based on volume of ground material, or truck load of loose unground material. DO NOT USE BOTH CY AND TN Item on the same contract.

Loading and Hauling Reductions to a final disposition site, including MOT, TN:
Specifications to indicate when/where weight measurements are to be made. DO NOT USE BOTH CY AND TN Item on the same contract.

Disposal/Tipping Fees: no-bid item, Contractor will be paid actual cost for this item.

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

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

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

Struct.	129- 1-AAA	NATURAL DISASTER/PRE-EVENT CONTRACTS Maintenance Contracts Only	Mixed
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AAA= Operation and Unit of Measure
Pre-event, First response
1 (Crew Pre-positioning) DA
2 (Cut and Toss) HR
3 (Crew, 2 people and service Truck, Regular Time) HR
4 (Crew, 2 people and service Truck, After 8 Hours) HR
5 (Crew, 2 people and Bucket Truck, Regular Time) HR
6 (Crew, 2 people and Bucket Truck, After 8 Hours) HR

Collection, Hauling, and Reduction
11 (Loading and Hauling debris to TDS site) CY
12(Reduction by grinding at the TDS) CY
13 (Reduction by incineration at the TDS) CY

Stump Removal

21(24-48" diameter stump removal) EA
22(>48" diameter stump removal) EA

Miscellaneous Work

31 (Sweeping Curb and Gutter) HR
32 (Vacuum Inlets) HR
33 (Removal of Hanging Limbs) HR
34 (Loading and hauling construction and demolition debris) CY
35 (White Goods and Hazardous Household Waste Disposal) EA
36 (Freon Recovery) EA

Loading of Reduced Material, Final Disposition

50 (Disposal/Tipping Fees- no-bid item, Contractor will be paid actual cost for this item
51 (Loading and Hauling Reductions to a final disposition site, including MOT) CY; see detail to distinguish between CY and TN items.
52 (Loading and Hauling Reductions to a final disposition site, including MOT) TN; see detail to distinguish between CY and TN items.

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
0129 1 1	NATURAL DISASTER /PRE EVENT CONTRACTS, CREW PRE-POSITIONING	DA	T	1/1/2013	
0129 1 2	NATURAL DISASTER /PRE EVENT CONTRACTS, CUT AND TOSS	HR	T	1/1/2013	
0129 1 3	NATURAL DISASTER /PRE EVENT CONTRACTS, CREW, 2 PEOPLE AND SERVICE TRUCK, REGULAR TIME	HR	T	1/1/2013	
0129 1 4	NATURAL DISASTER /PRE EVENT CONTRACTS, CREW, 2 PEOPLE AND SERVICE TRUCK, AFTER 8 HR	HR	T	1/1/2013	
0129 1 5	NATURAL DISASTER /PRE EVENT CONTRACTS, CREW, 2 PEOPLE AND BUCKET TRUCK, REGULAR TIME	HR	T	1/1/2013	
0129 1 6	NATURAL DISASTER /PRE EVENT CONTRACTS, CREW, 2 PEOPLE AND BUCKET TRUCK, AFTER 8 HOURS	HR	T	1/1/2013	
0129 1 11	NATURAL DISASTER /PRE EVENT CONTRACTS, LOADING AND HAULING DEBRIS TO TDS SITE	CY	T	1/1/2013	
0129 1 12	NATURAL DISASTER /PRE EVENT CONTRACTS, REDUCTION BY GRINDING AT THE TDS	CY	T	1/1/2013	
0129 1 13	NATURAL DISASTER /PRE EVENT CONTRACTS, REDUCTION BY INCINERATION AT THE TDS	CY	T	1/1/2013	
0129 1 21	NATURAL DISASTER /PRE EVENT CONTRACTS, 24-48" DIAMETER STUMP REMOVAL	EA	T	1/1/2013	
0129 1 22	NATURAL DISASTER /PRE EVENT CONTRACTS, >48" DIAMETER STUMP REMOVAL	EA	T	1/1/2013	

0129 1 31	NATURAL DISASTER /PRE EVENT CONTRACTS, SWEEPING CURB AND GUTTER	HR	T	1/1/2013
0129 1 32	NATURAL DISASTER /PRE EVENT CONTRACTS, VACUUM INLETS	HR	T	1/1/2013
0129 1 33	NATURAL DISASTER /PRE EVENT CONTRACTS, REMOVAL OF HANGING LIMBS	HR	T	1/1/2013
0129 1 34	NATURAL DISASTER /PRE EVENT CONTRACTS, LOADING AND HAULING CONSTRUCTION AND DEMO DEBRIS	CY	T	1/1/2013
0129 1 35	NATURAL DISASTER /PRE EVENT CONTRACTS, WHITE GOODS AND HAZARD HOUSEHOLD WASTE DISPOSAL	EA	T	1/1/2013
0129 1 36	NATURAL DISASTER /PRE EVENT CONTRACTS, FREON RECOVERY	EA	T	1/1/2013
0129 1 50	NATURAL DISASTER /PRE EVENT CONTRACTS, DISPOSAL AND TIPPING FEES- DO NOT BID	LS	T	1/1/2013
0129 1 51	NATURAL DISASTER /PRE EVENT CONTRACTS, LOADING AND HAULING REDUCTIONS TO FINAL DISP, INC MOT	CY	T	1/1/2013
0129 1 52	NATURAL DISASTER /PRE EVENT CONTRACTS, LOADING AND HAULING REDUCTIONS TO FINAL DISP, INC MOT	CY	T	1/1/2013

141- 70- SETTLEMENT PLATE ASSEMBLY

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

Notes **MONITOR: Larry Jones, State Geotech Engineer**

Details Used with surcharge embankment 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 700-050-03: 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. 540
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. **141- 70- SETTLEMENT PLATE ASSEMBLY AS**

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
0141 70	SETTLEMENT PLATE ASSEMBLY	AS	T	1/1/2013	

142- 70-	SAND FILL				
	Unit CY; M3	Accuracy 1/10 Cubic Yard; 1/10 Cubic Meter	PlanQuantity? no		
Notes	Valid through 6-30-2014. For drainage or utility pipe applications, fill sand is incidental to pipe. Contact the Basis of Estimates Coordinator for other applications.				
Details	DO NOT USE this item for Embankment applications.				
	Complete specifications are required, including material and placement/installation 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.				
Related Items	Required				Recommended
Plan Summary Box	Summary of Geotechnical Items 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	SBEarthwork: Summary of Earthwork, or COMP 700-050-04: Volume Measure Items 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	700-050-54: Daily Report or Truck-Measured Material Site Source Record (and Sketch)				
References	PPM Chapter Trns-port Other Standards Specifications				
	T				
	http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks				
TRNS*PORT Category (DRAFT FIELD): 0200 Roadway					
Struct.	142- 70-	SAND FILL			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
0142 70	FILL SAND	CY	T	1/1/2013	6/30/2015

144- 1- A DIGITAL INCLINOMETER CASING

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

Notes

MONITOR: Larry Jones

Details

Coordinate the use of this item with State Geotechnical Engineer.

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

Construction Forms and Documentation

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

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 144- 1- A DIGITAL INCLINOMETER CASING LF

A = Description
1 (Vertical)
2 (Horizontal) to be opened with approval of State Geotech Engineer

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
0144 1 1	DIGITAL INCLINOMETER CASING, VERTICAL	LF	T	1/1/2013	

144- 71- A PORE-PRESSURE TRANSDUCER- PIEZOMETER

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

Notes **MONITOR: Larry Jones**

Details Coordinate the use of this item with State Geotechnical Engineer.

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 700-050-03: 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/specificationoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 144- 71- A PORE-PRESSURE TRANSDUCER- PIEZOMETER EA

A= Transducer Type
blank (type defined in plans/specs) valid through 6/30/2009
1 (Pneumatic) also use item 144-72 for tubing; effective 7/1/2009
2 (Vibrating Wire) do not use item 144-72; effective 7/1/2009

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
0144 71 1	PORE-PRESSURE TRANSDUCER-PIEZOMETER, PNEUMATIC	EA	T	1/1/2013	
0144 71 2	PORE-PRESSURE TRANSDUCER-PIEZOMETER, VIBRATING WIRE	EA	T	1/1/2013	

144- 72- TUBING FOR PIEZOMETER

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

Notes

MONITOR: Larry Jones

Details

Coordinate the use of this item with State Geotechnical Engineer.

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

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

Construction Forms and Documentation

No additional form required; use plans summary or comp book

Record final quantity on the computation book form.

References

PPM Chapter
Trns-port
Other
Standards
Specifications

T: Plan Details and/or Technical Specifications required

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

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. 144- 72- TUBING FOR PIEZOMETER 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
0144 72	TUBING FOR PIEZOMETER	LF	T	1/1/2013	

144- 74- A PORE-PRESSURE TRANSDUCER- CONTROL/READOUT UNIT

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

Notes **MONITOR: Larry Jones**

Details Coordinate the use of this item with State Geotechnical Engineer.

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 700-050-03: 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/specificationoffice/Implemented/SpecBooks>

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. **144- 74- A** **PORE-PRESSURE TRANSDUCER- CONTROL/READOUT UNIT** **EA**

A= Transducer Type
blank (type defined in plans/specs) valid through 6/30/2009
1 (Pneumatic) effective 7/1/2009
2 (Vibrating Wire) effective 7/1/2009

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
0144 74 1	PORE-PRESSURE TRANSDUCER, CONTROL / READOUT UNIT PNEUMATIC	EA	T	1/1/2013	
0144 74 2	PORE-PRESSURE TRANSDUCER, CONTROL / READOUT UNIT VIBRATING WIRE	EA	T	1/1/2013	

145- 1- GEOSYNTHETIC REINFORCED SOIL SLOPE

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

Notes

Details

CAUTION- CALCULATE QUANTITY PER SPECIFICATION*

Refer to Plans Prep Manual, Volume 1, Chapter 31, to establish design guidelines, parameters, and limitations for these systems. The designer must provide the requirements in the plans for choosing the material from those listed in Index 501. See also the Instructions for Design Standards and Index No. 501. For design assistance, contact the State Geotechnical Engineer.

Effective January 2015: Materials moved from Index 501 to Specification Section 985 and APL.

Payment will be based on Plan Quantity, regardless of the length or number of layers of geosynthetic, including any reinforcement required below ground line. Does not include the cost of backfill material or placement of backfill.
Plan measurement will be based on the projected vertical height of the slope, from top of slope to the ground line at the toe of slope, regardless of the number of layers; multiply by the width (beginning and end limits). DO NOT USE THE SLOPE FACE AREA or material area. Refer to the specifications for method of measurement.

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

References

PPM Chapter

Trns-port

Other

Standards

Index No. 501, through Dec 2014.

Specifications

Section 145

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0200

Roadway

Struct. 145- 1-

GEOSYNTHETIC REINFORCED SOIL SLOPE

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
0145 1	GEOSYNTHETIC REINFORCED SOIL SLOPE	SF	D	1/1/2013	

145- 2- GEOSYNTHETIC REINFORCED FOUNDATION OVER SOFT SOIL

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

Notes

Details

Refer to Plans Prep Manual, Volume 1, Chapter 31, to establish design guidelines, parameters, and limitations for these systems. The designer must provide the requirements in the plans for choosing the material from those listed in Index 501. See also the Instructions for Design Standards and Index No. 501. For design assistance, contact the State Geotechnical Engineer.

Effective January 2015: Materials moved from Index 501 to Specification Section 985 and APL.

Payment will be based on Plan Quantity, regardless of the length or number of layers of geosynthetic, including any reinforcement required below ground line. Does not include the cost of backfill material or placement of backfill.
Plan measurement will be based on the area of embankment to be reinforced. Refer to specifications.

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

References

PPM Chapter

Trns-port

Other

Standards

Index No. 501, through Dec 2014.

Specifications

Section 145

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. 145- 2-

GEOSYNTHETIC REINFORCED FOUNDATION OVER SOFT SOIL 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
0145 2	GEOSYNTHETIC REINFORCED FOUNDATION OVER SOFT SOIL	SY	D	1/1/2013	

145- 71- REINFORCEMENT GRID FOR SOIL STABILIZATION

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

Notes **MONITOR: Larry Jones**

Details Coordinate the use of this item with State Geotechnical Engineer.

Geosynthetic Reinforced Roadway Base for Construction Expedient, as shown on Index 501. Full material technical specifications are required. See the Instructions for Design Standards and Index No. 501.

Effective January 2015: Materials moved from Index 501 to Specification Section 985 and APL.

This item is intended for Soil Stabilization applications. For drainage/erosion control applications, refer to Section 530 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 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 Index No. 501, through Dec 2014.
Specifications

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 145- 71- **REINFORCEMENT GRID FOR SOIL STABILIZATION** **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.

145- 72- CELLULAR CONFINEMENT FOR SOIL STABILIZATION

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

Notes **MONITOR: Larry Jones**

Details Effective January 2015: Materials moved from Index 501 to Specification Section 985 and APL.

Coordinate the use of this item with State Geotechnical Engineer.

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. 145- 72- **CELLULAR CONFINEMENT FOR SOIL STABILIZATION** 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
0145 72	CELLULAR CONFINEMENT FOR SOIL STABILIZATION	SY	T	1/1/2013	

160- 4- TYPE B STABILIZATION

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

Notes

Details Consists of stabilizing designated portions of the roadbed to provide a firm and unyielding subgrade. Stabilizing material can be obtained from existing base material, or from commercial and local materials.

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**
Trns-port
Other
Standards Index No. 506
Specifications Section 160
<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks>

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **160- 4- TYPE B STABILIZATION 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
0160 4	TYPE B STABILIZATION	SY		1/1/2013	

161- PREDESIGNED STABILIZED SUBGRADE

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

Notes **Specification change pending.**

Details Per the specifications, Section 161 is valid only for shoulder and non-traffic areas. Refer to Section 160 for roadway stabilization.

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
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 Roadway

Struct. 161- **PREDESIGNED STABILIZED SUBGRADE** **SY**

Notes Pay Item structure to be determined, pending specification change.

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.

162- 1- AB PREPARED SOIL LAYER

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

Notes

Details

Not to be used for Section 580: Landscape Operations. Refer to 580 specifications.

FINISH SOIL LAYER: to be used for areas to be seeded, seeded and mulched, or planted areas when called for in the plans. Refer to 162 specifications and Index 105. Note- per index 105, treatment I conditions are included under performance turf pay item. For treatment II conditions, payment is made for Finish Soil Layer and Performance Turf items. Refer to Index 105 for additional information.

ORGANIC SOIL LAYER: only when required by permit. 6" depth.

BLANKET MATERIAL: only when required by permit. Show depth in plans

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

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

References

PPM Chapter

Trns-port

Other

Standards

Index No. 105

Blanket Material: Index No. 505

Specifications

Section 162

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

TRNS*PORT Category (DRAFT FIELD): 0200

Roadway

Struct. 162- 1- AB PREPARED SOIL LAYER SY

A= Material

1 (Finish Soil Layer)

2 (Organic Soil Layer) Note: by Permit only. 6" depth, per specification.

3 (Blanket Soil Layer) Note: By Permit Only

B= Depth

1 (6") Standard depth for finish soil

2 (12") A=1 or 3

3 (Special Depth) A=2 or 3 only, as required by permit

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
0162 1 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY		1/1/2013	
0162 1 12	PREPARED SOIL LAYER, FINISH SOIL LAYER, 12"	SY		1/1/2013	
0162 1 21	PREPARED SOIL LAYER, ORGANIC SOIL LAYER, 6"	SY	R	1/1/2013	
0162 1 33	PREPARED SOIL LAYER, BLANKET SOIL LAYER, SPECIAL DEPTH	SY	R	1/1/2013	6/30/2015

173- 71- DRILLING HOLES FOR PRESSURE GROUTING

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

Notes

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

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

Plan Summary Box Summary of 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 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

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

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

T: Plan Details and/or Technical Specifications required

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

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. 173- 71- **DRILLING HOLES FOR PRESSURE GROUTING** **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
0173 71	DRILLING HOLES FOR PRESSURE GROUTING	EA	T	1/1/2013	

173- 76- GROUT PIPE INSTALLATION

Unit LF; M1 **Accuracy** Linear Foot; 1/10 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 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 700-050-03: Linear Measurement, Component Weight, Per Hour, Per Day or Per Each Computation and Continuation
Locate in the plans. Summarize quantities by location in the computation book.

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

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

T: Plan Details and/or Technical Specifications required

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

*TRNS*PORT Category (DRAFT FIELD):* 0200 Roadway

Struct. 173- 76- **GROUT PIPE INSTALLATION** **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
0173 76	GROUT PIPE INSTALLATION	LF	T	1/1/2013	

173- 77- A SUBSURFACE PRESSURE GROUTING

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

Notes **Monitor: Larry Jones**

Details Contact the State Geotechnical Engineer prior to using this item.

This item to be used for subsurface applications only. May be used for sinkhole repair. Tech Specs should indicate that this item includes all work and materials for grout injection; drilling holes and grout pipe may be paid separately under related 173 items. Clearly define material properties in specifications. For concrete structures, refer to Structures items 400 to 460.

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** 173- 71-, 173- 76-

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 sumqrd: Roadway Summary of Quantities Sheet
Locate in plans. Summarize quantities by location on summary sheet in the plans.

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

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

T: Plan Details and/or Technical Specifications required

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. **173- 77- A** **SUBSURFACE PRESSURE GROUTING** **CY**

A= Grout Material
1 (Sand-Cement)
2 (Sand Cement with Calcium Chloride) CaCl_2
3 (Cement Slurry)

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
0173 77 1	SUBSURFACE PRESSURE GROUTING, SAND CEMENT	CY	T	1/1/2013	
0173 77 2	SUBSURFACE PRESSURE GROUTING, SAND CEMENT WITH CALCIUM CHLORIDE	CY	T	1/1/2013	
0173 77 3	SUBSURFACE PRESSURE GROUTING, CEMENT SLURRY	CY	T	1/1/2013	

173- 78- A SOIL IMPROVEMENT BY VIBRO-COMPACTION

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

Notes **Monitor: Larry Jones**

Details Contact the State Geotechnical Engineer prior to using this item.

This item to be used for subsurface applications, as approved by the State Geotechnical Engineer.

Tech Specs should be coordinated with the State Geotechnical Engineer and the District Materials Office.

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

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

Plan Summary Box Summary of 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 700-050-09: 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

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

T: Plan Details and/or Technical Specifications required

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 173- 78- A **SOIL IMPROVEMENT BY VIBRO-COMPACTION** **LF**

A= Vibrator Horsepower
1(Up to 125 hp vibrator)
2 (126 to 205 hp vibrator)
3 (Over 206 hp vibrator)

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
0173 78 1	SOIL IMPROVEMENT BY VIBRO-COMPACTION, UP TO 125 HP VIBRATOR	LF	T	1/1/2013	
0173 78 2	SOIL IMPROVEMENT BY VIBRO-COMPACTION, 126-205 HP VIBRATOR	LF	T	1/1/2013	
0173 78 3	SOIL IMPROVEMENT BY VIBRO-COMPACTION, OVER 206 HP VIBRATOR	LF	T	1/1/2013	

173- 79- A SOIL STABILIZATION BY AUGERED CONCRETE COLUMNS

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

Notes

Details

This item is to be used for strengthening of organics and soft soils, and the reduction of settlements of superimposed embankments by placing dry concrete mix to desired depth via continuous flight auger or SCV technique. NOT TO BE USED for auger-cast piles.

For assistance with this item, contact the State Geotech Engineer in the State Structures Design Office.

Technical Special Provisions are required to detail the materials, construction method, and/or acceptance criteria.

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

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 173

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. 173- 79- A **SOIL STABILIZATION BY AUGERED CONCRETE COLUMNS** **LF**

A= Diameter
1 (6" to 8")

Notes

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

Item	Description	Unit	TSP/Detail	Valid Date	Obsolete Date
0173 79 1	SOIL STABILIZATION BY AUGERED CONCRETE COLUMNS, 6"-8" DIAMETER	LF	T	1/1/2013	

**173-Maint SOIL STABILIZATION
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 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. **173-Maint** **SOIL STABILIZATION** **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
E173 78 1	SAND CEMENT GROUT ORDERED, NOT PUMPED	CY		1/1/2013	6/30/2015

175- 1- RESEATING CONCRETE PAVEMENT

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

Notes

Details Perform controlled cracking of concrete pavement and reseating of the cracked slabs, by rolling, tamping, etc., on the underlying subgrade to provide a firm base for asphalt concrete surfacing.

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**
Trns-port
Other
Standards
Specifications Section 175

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

TRNS*PORT Category (DRAFT FIELD): 0200 Roadway

Struct. 175- 1- **RESEATING CONCRETE PAVEMENT** **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
0175 1	RESEATING CONCRETE PAVEMENT	SY		1/1/2013	

180- 72- RIGID PAVEMENT STABILIZED SUBBASE- SPECIAL WORK PLATFORM

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

Notes

Details

This item is to be used for the Work Platform (*) shown on Index 505, sheet 4, for the 3" of #57 or #89 Coarse Aggregate Mixed into the Top 6".

Note from Index, "Special Select Soil Option may be used only when approved in writing by the District Materials Engineer and shown in the plans."

Specifications are required to detail materials, placement, measurement and payment.

Related Items

Required 120-11- **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

References

PPM Chapter
Trns-port
Other
Standards Index 505
Specifications

T: Plan Details and/or Technical Specifications required

*TRNS*PORT Category (DRAFT FIELD):*

Struct. 180- 72- RIGID PAVEMENT STABILIZED SUBBASE- SPECIAL SY WORK PLATFORM

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
0180 72	RIGID PAVEMENT STABILIZED SUBBASE- SPECIAL WORK PLATFORM	SY	T	1/1/2013	