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# BASIS OF ESTIMATES CHAPTER 8 COMPANION

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EQR Summary Table Examples

The following exhibits of Estimated Quantities Reports (EQR) and Summary Tables contained within the EQ Reports are presented as examples only.

The exhibits may be updated independently of the normal BOE publication schedule.

Last updated - 10/31/2023

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[EQR Summary Table Examples](#)

## References

[CADD Manual, Procedure No. 625-050-001](#)

[CADD Production Support Office](#)

[CADD Production Support Publications](#)

[CADD Production Support Training](#)

[CADD Production Support Automated Quantities Training Guide](#)

[FDOT Design Manual](#)

[BOE](#)

**Report Formatting:**

Each page of the Estimated Quantities Report will contain a Summary Table with pay item and quantity information, the date and time, and a page number.

Summary of Pavement														
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Location Description	Side			Element ID
0327 70 3	Milling Exist Asph Pavt, 4 1/2" Avg Depth	SY	29838.0				BL SURVEY SR 674	10+19.70	121+06.98		LT/RT	6115		
0327 70 6	Milling Exist Asph Pavt, 1 1/2" Avg Depth	SY	5961.6				BL SURVEY SR 674	10+19.70	121+81.41		RT	22365		
			5496.8				BL SURVEY SR 674	10+19.70	122+21.21		LT	40564		
			1014.3				BL SURVEY SR 37	540+88.28	542+36.02		LT/RT	40593		
			95.0				BL SURVEY SR 37	540+88.26	542+46.02		RT	40606		
0334 1 53	Superpave Asphaltic Concrete, Traffic C, PG 76-22	TN	4923.20				BL SURVEY SR 674	10+19.70	121+06.98		LT/RT	3407		
0337 7 83	Asphalt Concrete Friction Course, Traffic C, FC-12.5, PG 76-22	TN	540.63				BL SURVEY SR 674	10+19.70	121+81.41		RT	21937		
			2545.31				BL SURVEY SR 674	10+19.70	122+54.81		LT/RT	41030		
			453.49				BL SURVEY SR 674	10+19.70	122+21.21		LT	41001		
			7.84				BL SURVEY SR 37	540+88.26	542+46.02		RT	41015		
0546 71 1	Raised Rumble Strip Set - Permanent	EA	1				BL SURVEY SR 674	113+07.37	113+13.37		RT			
			1				BL SURVEY SR 674	115+07.37	115+13.37		RT			

Summary Tables may extend onto multiple pages – do not add the pay item/description and “continued” at the top of each page. The Summary Report Builder will add 3 blank rows to the end of each Summary Table when generating the EQ Report.- On occasion the blank rows will fall at a page break, causing a mostly blank page below it. This is normal - do not delete the blank rows, as they are intended for Final Estimates/Construction use.

Summary of Pavement													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Location Description	Side		
			1				BL SURVEY SR 674	116+32.37	116+38.37		RT		
			1				BL SURVEY SR 674	117+07.37	117+13.37		RT		
...													
...													
...													

Summary Tables contain the FPID (Project Number) in the title of the table if there are multiple funding sources.

Summary of Utility Items - 430813-2-56-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
01060 15	Utility Structure, BelowGround, Adjust/Modify	EA	1		17		ICD	15+84.99	15+84.99	LT	15775		
			1				BL A1A COLLINS	23+54.85	23+54.85	LT	15835		
			1				ICD	17+71.97	17+71.97	LT	15787		
			1				BL A1A COLLINS	18+00.16	18+00.16	RT	15847		
			1				BL A1A COLLINS	18+42.31	18+42.31	LT	15859		
			1				ICD	19+96.06	19+96.06	LT	15799		
			1				BL A1A COLLINS	20+22.97	20+22.97	LT	15871		
			1				BL A1A COLLINS	21+84.96	21+84.96	LT	15883		
			1				ICD	22+46.15	22+46.15	LT	19730		
			1				BL A1A COLLINS	22+69.54	22+69.54	LT	15895		
			1				ICD	23+97.70	23+97.70	LT	15811		
			1				ICD	24+86.69	24+86.69	LT	15823		
			1				BL A1A COLLINS	25+20.14	25+20.14	LT	15907		
			1				BL A1A COLLINS	25+67.69	25+67.69	LT	15920		
			1				BL A1A COLLINS	26+91.26	26+91.26	LT	15932		
			1				BL A1A COLLINS	27+24.30	27+24.30	LT	15944		
			1				BL A1A COLLINS	27+83.81	27+83.81	LT	15956		
01080 21 300	Utility Fixture, Valve/Meter Box, Install - Box Furnished By Utility	EA	1		10		BL A1A COLLINS	18+56.32	18+56.32	RT	17996	water meters	
			1				BL A1A COLLINS	19+65.14	19+65.14	RT	17951	water meters	
			1				BL A1A COLLINS	19+68.38	19+68.38	RT	17960	water meters	

**Summary Tables: Order and Usage Notes**

<b>#</b>	<b>Summary Table Title</b> <i>(Select title to go to Instructions)</i>
1	Summary of General Items
2	Summary of Lump Sum Items
3	Summary of Temporary Traffic Control Plan Items
4	Summary of Special Detours
5	Summary of Temporary Highway Lighting
6	Summary of Temporary Driveways
7	Summary of Pedestrian Longitudinal Channelizing Devices
8	Summary of Temporary Crash Cushions
9	Summary of Temporary Signalization & Detection
10	Summary of Erosion and Sediment Control Devices
11	Summary of Litter Removal and Mowing
12	Summary of Clearing Grubbing and Removal Items
13	Summary of Mailboxes
14	Summary of Earthwork
15	Summary of Geotechnical Items
16	Summary of Driveway Base
17	Summary of Pavement
18	Summary of Miscellaneous Asphalt
19	Summary of Box Culverts
20	Summary of Drainage
21	Summary of Utility Adjustments
22	Summary of Miscellaneous Drainage Items
23	Summary of Railing
24	Summary of Curbs
25	Summary of Permanent Barriers
26	Summary of Permanent Driveways
27	Summary of Sidewalk & Detectable Warnings
28	Summary of Ditch Pavement
29	Summary of Walls
30	Summary of Guardrail
31	Summary of Fencing
32	Summary of Permanent Crash Cushions
33	Summary of Performance Turf
34	Summary of Traffic Monitoring Site Items
35	Summary of Utility Items
36	Summary of Structure Quantities
37	Summary of Landscape Items
38	Summary of Signalization Items
39	Summary of Intelligent Transportation System Items
40	Summary of Signing and Pavement Marking
41	Summary of Lighting Items

### 1. Summary of General Items

000: DA, Architectural, Mass Transit, other

[Return to Summary Table List](#)

This table is intended for use with Per Day items, Architectural Items, Mass Transit Items (if not included on a component plan Tabulation Sheet), and other incidental items with no specified table.

Do not use this table for 999-102- Speed and Law Enforcement Officer; this pay item is for use by the Construction Engineer, not the Contractor, and is not shown in a Summary Table.

Summary of General Items												
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
...												
...												
...												

### 2. Summary of Lump Sum Items

000: Lump Sum; includes 108: Monitor Existing Structures

[Return to Summary Table List](#)

This table is intended for use with Lump Sum pay items. For items with secondary units, quantify by location, per Chapter 2.

This Summary Table is also used for Monitor Existing Structures items (108- X). Structures to be monitored that are beyond the distances prescribed in Standard Specifications, Section 108 (or that do not have a prescribed distance), must be listed in a pay item note on the General Notes sheet. See *FDOT Standard Specifications* and *FDM 117* for details.

*This Summary Table is NOT intended for use with pay item 999-2 Lump Sum Contract. Refer to 8.5 for summarizing quantities on Lump Sum Projects/Contracts.*

This table is not for MOT items, such as Special Detour or Maintenance of Traffic- LS; use the Summary of Temporary Traffic Control Plan Items for MOT- LS.

This table is not for Clearing and Grubbing; use the Summary of Clearing and Grubbing and Removal Items.

For any Lump Sum pay item with a secondary unit, ensure that the secondary quantity is clearly defined, by location or Element ID. For example, a LS/SF Item must be quantified by square foot, for each location.

For Lump Sum pay items with a LS secondary unit, the work and materials must be clearly identified by location. Detail the quantities of all items of work, to provide the contractor with sufficient information to bid the total work. As with all pay items, do not include non-quantifiable or contingency items within a Lump Sum item.

Do not include initial contingency or do not bid items on this Summary Table; these pay items are not for the contractor’s use.

Summary of Lump Sum Items								
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
...								
...								
...								

### 3. Summary of Temporary Traffic Control Plan Items

102: Traffic Control

[Return to Summary Table List](#)

This table is intended for use with most Temporary Traffic Control Plan (TTCP) Items. However, Special Detours, Temporary Driveways, Temporary Crash Cushions, and Temporary Signalization and Detection have separate Summary Tables, and are not included on the Summary of Temporary Traffic Control Plan Items.

Quantities for Each and Each Day items MUST be a whole number.

Information such as total days or number of applications should be added to Design Notes column.

This table is used for temporary pavement markings (paint) and RPMs for TTCP quantities. See the Summary of Signing and Pavement Markings for Painted Pavement Markings, Final Surface (pay item 710-90).

For TTCP Items not based on time or days, the duration column may be blank.

Do not include temporary fencing, sodding, or erosion control devices under MOT lump sum; See the BOE details for 550, 570, and 104 pay items.

Summary of Temporary Traffic Control Plan Items														
Pay Item Number	Pay Item Description	Units of Measure	Number Required	Duration (Days)	Quantity		Total Quantity		Secondary Quantity			Location	Design Notes	Construction Remarks
					P	F	P	F	Units	P	F	Const. Phase		
...														
...														
...														

### 4. Summary of Special Detours

102: Traffic Control

[Return to Summary Table List](#)

This table is intended for use with Pedestrian and Vehicular Special Detours. DO NOT include these pay items on the Summary of Temporary Traffic Control Plan Items.

Locations for each Special Detour MUST be shown in the plans. Secondary units for all locations must be shown.

Summary of Special Detours																		
Pay Item Number	Pay Item Description	Units of Measure	Length (FT)	Width (FT)	Quantity		Total Quantity		Secondary Quantity			Location					Design Notes	Construction Remarks
					P	F	P	F	Units	P	F	Const. Phase	Alignment	Begin Station	End Station	Side		
...																		
...																		
...																		

### 5. Summary of Temporary Highway Lighting

102: Traffic Control

[Return to Summary Table List](#)

This table is intended for use with Temporary Highway Lighting, in accordance with the BOE details. DO NOT include these pay items on the Summary of Temporary Traffic Control Plan Items.

Locations MUST be shown in the plans. This is a Lump Sum/Each item; secondary units for all locations, by phase, must be shown.

Summary of Temporary Highway Lighting																	
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location						Design Notes	Construction Remarks
			P	F	P	F	Units	P	F	Const. Phase	Alignment	Begin Station	End Station	Side	Element ID		
...																	
...																	
...																	

### 6. Summary of Temporary Driveways

102: MOT- Temporary Driveways

[Return to Summary Table List](#)

This table is intended to summarize the locations for Temporary Driveways, and quantity needed for Commercial Material. DO NOT include this pay item on the Summary of Temporary Traffic Control Plan Items.

Summary of Temporary Driveways																	
Pay Item Number	Pay Item Description	Units of Measure	Length (FT)	Width (FT)	Thickness (IN)	Quantity		Total Quantity		Location						Design Notes	Construction Remarks
						P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID			
...																	
...																	
...																	

### 7. Summary of Pedestrian Longitudinal Channelizing Devices

102: Traffic Control

[Return to Summary Table List](#)

This table is intended for use with Pedestrian Longitudinal Channelings Devices, in accordance with the FDM.

Do not include these pay items on the Summary of Temporary Traffic Control Plan Items. Locations MUST be shown in the plans, per the FDM.

Summary of Pedestrian Longitudinal Channelizing Devices																	
Pay Item Number	Pay Item Description	Units of Measure	Duration (Days)	Length (FT)	Quantity		Total Quantity		Location						Design Notes	Construction Remarks	
					P	F	P	F	Const. Phase	Alignment	Begin Station	End Station	Side	Element ID			
...																	
...																	
...																	

### 8. Summary of Temporary Crash Cushions

102: Temporary Crash Cushions

[Return to Summary Table List](#)

This table is intended for use with Temporary Crash Cushions. Details must be provided for each location. Do not include this pay item on the Summary of Temporary Traffic Control Plan Items.

Summary of Temporary Crash Cushions																	
Pay Item Number	Pay Item Description	Units of Measure	Work Zone Speed (MPH)	Test Level (TL-2 or TL-3)	Length Restriction (FT)	Width of Hazard (IN)	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
							P	F	P	F	Const. Phase	Alignment	Begin Station	End Station	Side		
...																	
...																	
...																	

### 9. Summary of Temporary Signalization and Detection

102: Traffic Control

[Return to Summary Table List](#)

This table is intended for use with Temporary Signalization, as well as maintenance of Existing Signalization. Do not include these pay items on the Summary of Temporary Traffic Control Plan Items.

The Design Notes column may be used to identify the intersections by street names/numbers, as needed.

Summary of Temporary Signalization and Detection													
Pay Item Number	Pay Item Description	Units of Measure	Existing (E) or Temp/New (T)	Number Required	Duration (Days)	Quantity		Total Quantity		Location		Design Notes	Construction Remarks
						P	F	P	F	Const. Phase			
...													
...													
...													

### 10. Summary of Erosion Control and Sediment Control Devices

104: Erosion Control

[Return to Summary Table List](#)

This table is intended for use with Erosion and Sediment Control Devices. Summarize quantities by location.

Summary of Erosion Control and Sediment Control Devices													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

### 11. Summary of Litter Removal and Mowing

107: Litter Removal and Mowing

[Return to Summary Table List](#)

This table is intended for use with Litter Removal and Mowing. For each alignment, the CADD shapes/measurement calculations should consist of simple areas that represent the average widths from the edge of travel-ways to the right-of-way lines, using the beginning-to-end station for length. Most projects will have 2 or 3 areas, representing a left shoulder, right shoulder, and divided median (as applicable). Median shapes are from inside edges of travel lanes. For ponds, use length times width to represent the area.

Summary of Litter Removal and Mowing																			
Pay Item Number	Pay Item Description	Units of Measure	Duration (Days)	Frequency (Days)	Length (FT)	Width (FT)	Cycles	Quantity			Total Quantity		Location					Design Notes	Construction Remarks
								ACI Cycle	P	F	P	F	Const. Phase	Alignment	Begin Station	End Station	Side		
...																			
...																			
...																			

## 12. Summary of Clearing Grubbing and Removal Items

110: Removal Items

[Return to Summary Table List](#)

This table is intended for use with roadway items to be removed. For Signalization, Signing, or Lighting, use the appropriate component Summary Tables.

This table may be used to detail items to be included under Clearing and Grubbing, Lump Sum.

If Clearing & Grubbing, Lump Sum, is used, the quantity for secondary units should be shown in the area column under secondary units. The “P” total should remain 1 LS. Total acres may be shown in the Design Notes column.

Summary of Clearing Grubbing and Removal Items																		
Pay Item Number	Pay Item Description	Units of Measure	Length (FT)	Width (FT)	Quantity		Total Quantity		Secondary Quantity			Location					Design Notes	Construction Remarks
					P	F	P	F	Units	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...																		
...																		
...																		

## 13. Summary of Mailboxes

110: Mailboxes

[Return to Summary Table List](#)

This table is intended for use with mailboxes.

Summary of Mailboxes													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

## 14. Summary of Earthwork

120: Earthwork

[Return to Summary Table List](#)

This table is intended for use with earthwork items. See CADD Manual for documentation guidance by alignment.

Summary of Earthwork													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

## 15. Summary of Geotechnical Items

140s and 400s: Geotechnical

[Return to Summary Table List](#)

This table is intended for use with Geotechnical Items. Design Notes column may be used to refer to Technical Special Provisions, as applicable, to clarify quantities shown on the Summary Table.

Summary of Geotechnical Items													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

**16. Summary of Driveway Base**

286: Summary of Driveway Base- base material

[Return to Summary Table List](#)

This table is intended for use with Driveway Base. Refer to pay item group and the Specifications for details.

For concrete turnouts/driveways, see the Summary of Permanent Driveways or Summary of Sidewalk & Detectable Warnings.

The asphalt surface course (Superpave) is paid separately under 334-Asphalt. The asphalt quantities may be shown on the Summary of Permanent Driveways or Summary of Pavement.

Summary of Driveway Base													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

**17. Summary of Pavement**

160s, 200s, 300s, 520s, and 546s: Pavement, patterned pavement or architectural pavers, rumble strips.

[Return to Summary Table List](#)

This table is intended for use with permanent asphalt and concrete pavement, including patterned/textured pavement. For asphalt driveways, the quantity may be shown on this Summary Table, or the Summary of Permanent Driveways. When driveways are shown on this Summary Table, add “Driveway” to the Design Notes column for each location.

For quantities summarized on the Summary of Permanent Driveways, add a row to this Summary Table to indicate the total from the former table.

When overbuild is used, show overbuild quantities separate from structural quantities. Add “Overbuild” to the Design Notes column for each location. Do not create any other overbuild quantity summary table in the report. See FDM 306 for overbuild details required. Refer to 334- pay item group for additional details.

Summary of Pavement													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Location Description	Side		
...													
...													
...													

**18. Summary of Miscellaneous Asphalt**

339: *Miscellaneous Asphalt, per TN*

[Return to Summary Table List](#)

This table is intended for use with Miscellaneous Asphalt, including under-guardrail pavement, bicycle paths, and median pavement. Do not use this pay item for Special Detours or other temporary asphalt applications.

Summary of Miscellaneous Asphalt														
Pay Item Number	Pay Item Description	Units of Measure	Thickness (IN)	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
				P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...														
...														
...														

**19. Summary of Box Culverts**

400s: *Box Culverts, Reinforcing Steel*

[Return to Summary Table List](#)

This table is used for Box Culverts less than 20'.

Bridge Culverts (20' and greater) use the Summary of Structure, Bridge, with the bridge number in the summary table heading.

Summary of Box Culverts													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

**20. Summary of Drainage**

430: *Drainage*

[Return to Summary Table List](#)

This table is intended for use with Drainage items and Mitered End Sections.

This table replaces previous Summary of Side Drain and Mitered End Sections, Summary of Trench Drain, Summary of Underdrain, Summary of French Drain, and Summary of Edgedrain boxes. This table may also include total quantities from Summary of Ditch Pavement and Summary of Permanent Turf.

Do not add a column for sod; use the Summary of Performance Turf.

For miscellaneous drainage work, the Summary of Miscellaneous Drainage Items may be used.

Summary of Drainage														
Pay Item Number	Label	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
				P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...														
...														
...														

## 21. Summary of Utility Adjustments

425: Manholes & Inlets

[Return to Summary Table List](#)

This table is intended for utility adjustments being completed under a roadway project (-52 project number) due to roadway work, and will be shown in the roadway plans on the Summary of Utility Adjustments. This is normally limited to utility adjustments for milling; pay items 425-4, 425-5-A, and 425-6.

Work being completed under the UWHC/JPA (-56 project) will typically be shown on a strung project with a separate EQ report. Do not use this Summary Table for utility component plans – See Summary of Utility Items.

Summary of Utility Adjustments													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

## 22. Summary of Miscellaneous Drainage Items

430: Drainage- Miscellaneous items

[Return to Summary Table List](#)

This is an optional table; it is intended for use with Miscellaneous Drainage Items or on projects with minimal drainage work, i.e. replacing broken inlet tops or moving structures to accommodate added turn lanes, etc.

Summary of Miscellaneous Drainage Items													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

## 23. Summary of Railing

460, 515: Railings

[Return to Summary Table List](#)

This table is intended for use with Metal Railings.

Summary of Railing													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

## 24. Summary of Curbs

**520s: Curb & Gutter, Traffic Separator**

[Return to Summary Table List](#)

This table is intended for use with Curbs: curb and gutter, curb elements, and/or Traffic Separators.

Summary of Curbs													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

**25. Summary of Permanent Barriers**

**521: Concrete Barrier**

[Return to Summary Table List](#)

This table is intended for use with Permanent Barriers.

Do not use for gravity walls; use Summary of Walls for gravity walls.

Summary of Permanent Barriers													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

**26. Summary of Permanent Driveways**

**334 or 522: Permanent Driveways**

[Return to Summary Table List](#)

This is an optional table and is intended for use with Permanent Driveways.

Permanent Concrete Driveways may be summarized on the Summary of Sidewalk and Detectable Warnings.

Permanent Asphalt Driveways may be summarized on the Summary of Pavement.

Do not duplicate quantities by location on multiple Summary Tables. For quantities summarized on this table, add a row to the Summary of Pavement (Asphalt) or Summary of Sidewalk & Detectable Warnings (Concrete) to indicate the total from this table.

Identify each driveway, by location.

Summary of Permanent Driveways													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

**27. Summary of Sidewalk and Detectable Warnings**

**522 and 527: Sidewalk**

[Return to Summary Table List](#)

This table is intended for use with Sidewalk and Detectable Warnings. Each detectable warning location/ElementID must be listed, with the appropriate area.

For concrete driveways, the quantity may be shown on this Summary Table (as 6" sidewalk/driveways), or the Summary of Permanent Driveways. For quantities summarized on the Summary of Permanent Driveways, add a row to this Summary Table to indicate the total from the former table.

Summary of Sidewalk and Detectable Warnings													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

### 28. Summary of Ditch Pavement

524 and 530: Ditch Pavement and Riprap

[Return to Summary Table List](#)

This is an optional table; it is intended for use with Ditch Pavement and Riprap. Quantities may be included on Summary of Drainage.

Note: Removal of existing ditch pavement is shown on the Summary of Clearing and Grubbing and Removal.

Summary of Ditch Pavement													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

### 29. Summary of Walls

400, 534, etc.

[Return to Summary Table List](#)

This table is intended for use with Noise Walls, MSE walls, Perimeter Walls, Gravity Walls, and Retaining Walls. Barrier Walls should be included on the Summary of Permanent Barriers.

Sheet piling associated with a structure is shown on the Summary of Structures, Bridge. Sheet piling not associated with a structure is shown on the Summary of Walls.

Do not include rails on this Summary Table. Use the separate Summary of Railing.

Summary of Walls													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Wall No.	Alignment	Begin Station	End Station	Side		
...													
...													
...													

### 30. Summary of Guardrail

**536: Guardrail**

[Return to Summary Table List](#)

This table is intended for use with Guardrail. Refer to pay item details for use with Thrie Beam guardrail. For removal of Guardrail, add a column to this summary table for 536-73.

Summary of Guardrail													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

**31. Summary of Fencing**

**550: Fencing**

[Return to Summary Table List](#)

This table is intended for use with all types of Fencing. Summarize quantities by location.

Temporary fencing is incidental to permanent fencing.

Summary of Fencing													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

**32. Summary of Permanent Crash Cushions**

**544: Crash Cushions**

[Return to Summary Table List](#)

This table is intended for use with Permanent Crash Cushions. Details must be provided for each location.

Summary of Permanent Crash Cushions															
Pay Item Number	Pay Item Description	Units of Measure	Length Restriction (FT)	Width of Barrier (IN)	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
					P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...															
...															
...															

**33. Summary of Performance Turf**

**570, 571: Turf**

[Return to Summary Table List](#)

This table is intended for use with both "Performance Turf" and "Performance Turf-Sod".

When applicable, include a row for performance turf in Summary of Drainage. Refer to 570- items for details.

Summary of Performance Turf														
Pay Item Number	Pay Item Description	Units of Measure	Length (FT)	Width (FT)	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
					P	F	P	F	Alignment	Begin Station	End Station	Side		
...														
...														
...														

### 34. Summary of Traffic Monitoring Site Items

695: Traffic Monitoring

[Return to Summary Table List](#)

This table is only intended for use with Transportation Statistic Office’s Traffic Monitoring Sites. For Traffic Engineering and Operations Office or Motor Carrier Size and Weight Traffic Monitoring Sites, refer to the 600-series or 700-series pay items for details.

Summary of Traffic Monitoring Site Items													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Site No.	Alignment	Location			Design Notes	Construction Remarks
			P	F	P	F			Begin Station	End Station	Side		
...													
...													
...													

### 35. Summary of Utility Items

U1000: Utility Work

[Return to Summary Table List](#)

This table is intended for use with Utility Work.

Summary of Utility Items													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Alignment	Begin Station	End Station	Side	Element ID	Design Notes	Construction Remarks
			P	F	P	F							
...													
...													
...													

### 36. Summary of Structure Quantities

400s: Structures

[Return to Summary Table List](#)

This table is intended for use with 400s: substructure or superstructure items, as well as related bridge items. The Summary of Structure Quantities requires a separate Summary Table for each structure number; each Summary Table must include the structure number appended to the table title.

Incidental quantities that would normally be shown on another component (i.e. signals and gates for movable bridge) may be shown on the Summary of Structures, Bridge.

Retaining Walls and Gravity Walls should be shown on the Summary of Walls. Refer to the Structures Detailing Manual for additional guidance.

Barrier Walls should be shown on the Summary of Permanent Barriers.

Sheet piling associated with a structure is shown on the Summary of Structure, Bridge. Sheet piling not associated with a structure is shown on the Summary of Walls.

Summary of Structure Quantities - 123456														
Section	Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location		Design Notes	Construction Remarks
				P	F	P	F	Units	P	F	Location Description			
...														
...														
...														

### 37. Summary of Landscape Items

580: Landscape Items

[Return to Summary Table List](#)

This table is intended for use with Landscape Items.

Summarize items by pay item and location. For small/large plant pay items, include plant names and sizes. Note all incidental items to be included. For irrigation system, include pipe sizes and lengths, as well as sprinklers and other fixtures.

Summary of Landscape Items															
Pay Item Number	Label	Pay Item Description	Max. Maint. Size	Units of Measure	Quantity		Total Quantity		Secondary Quantity			Location		Design Notes	Construction Remarks
					P	F	P	F	Units	P	F	Site No.	Location Description		
...															
...															
...															

### 38. Summary of Signalization Items

600s: Signals

[Return to Summary Table List](#)

This table is intended for use with Signals and/or ITS Items.

Summarize items by pay item and location.

Summary of Signalization Items														
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID			
...														
...														
...														

### 39. Summary of Intelligent Transportation System Items

600s: Signals

[Return to Summary Table List](#)

This table is intended for use with ITS Items. This table may be used with a Summary of Signalization. If combining ITS and Signalization items, use Summary of Signalization.

Summarize items by pay item and location.

Summary of Intelligent Transportation Systems Items													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

### 40. Summary of Signing and Pavement Marking

700s: Signing

[Return to Summary Table List](#)

This table is intended for use with Signing and Pavement Marking items.

Summarize items by pay item and location. See pay item 710-90, for updated guidance; details for this LS pay item will not be shown on Summary Tables.

Summary of Signing and Pavement Marking													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
...													
...													
...													

### 41. Summary of Lighting Items

715: Lighting

[Return to Summary Table List](#)

This table is intended for use with Lighting Items.

Summarize items by pay item and location.

Note: See conduit pay items for additional required plan details.

Summary of Lighting Items													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side			
...													
...													
...													

## Summary Table Examples

### 1. Summary of General Items

Pending

## 2. Summary of Lump Sum Items

Summary of Lump Sum Items								
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0101 1	Mobilization	LS	1		1			
0108 2	Monitor Existing Structure-Vibration Monitoring	LS	1		1		See General Notes for locations	
...								
...								
...								

### **3. Summary of Temporary Traffic Control Plan Items**

**No example yet.**

#### **4. Summary of Special Detours**

**No example yet.**

## **5. Summary of Temporary Highway Lighting**

**No example yet.**

## **6. Summary of Temporary Driveways**

**No example yet.**

### 7. Summary of Pedestrian Longitudinal Channelizing Devices

Summary of Pedestrian Longitudinal Channelizing Devices																
Pay Item Number	Pay Item Description	Units of Measure	Duration (Days)	Length (FT)	Quantity		Total Quantity		Location					Design Notes	Construction Remarks	
					P	F	P	F	Const. Phase	Alignment	Begin Station	End Station	Side			Element ID
0102 74 8	CHANNELING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	55	7.5	412		4595		1	SR 13	204+10.00	204+10.00	LT	36424		
			55	55.7	3064				1	SR 13	205+20.85	205+33.84	LT	57213		
			55	7.5	412				1	SR 13	205+40.00	205+40.00	LT	36410		
			10	7.5	75				2 (DAY, NIGHT)	SR 13	204+10.00	204+10.00	LT	36424		
			10	55.67	557				2 (NIGHT)	SR 13	205+20.85	205+33.84	LT	57213		
			10	7.5	75				2 (DAY, NIGHT)	SR 13	205+40.00	205+40.00	LT	36410		
...																
...																
...																

### 8. Summary of Temporary Crash Cushions

Summary of Temporary Crash Cushions																	
Pay Item Number	Pay Item Description	Units of Measure	Work Zone Speed (MPH)	Test Level (TL-2 or TL-3)	Length Restriction (FT)	Width of Hazard (IN)	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
							P	F	P	F	Const. Phase	Alignment	Begin Station	End Station	Side		
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	60	TL-3	N/A	24	1		6		1A	BL_SR93	1701+30.00		RT		
			60	TL-3	N/A	24	1				1B	BL_SR93	1708+50.00		LT		
			30	TL-3	N/A	24	1				2	BL_RampB	204+05.00		LT		
			35	TL-3	N/A	24	1				2	BL_RampA-1	153+99.96		LT		
			30	TL-3	N/A	24	1				2	BL_RampC	304+70.00		LT		
			35	TL-3	N/A	24	1				2	BL_RampD-1	453+35.03		LT		
---																	
---																	
---																	

### 9. Summary of Temporary Signalization and Detection

Summary of Temporary Signalization and Detection												
Pay Item Number	Pay Item Description	Units of Measure	Existing (E) or Temp/New (T)	Number Required	Duration (Days)	Quantity		Total Quantity		Location	Design Notes	Construction Remarks
						P	F	P	F	Const. Phase		
0102104	Temporary Signalization and Maintenance, Intersection	ED	E	1	150	150		150		ALL		
0102107 1	Temporary Traffic Detection and Maintenance, Intersection	ED	E	1	150	150		150		ALL		
...												
...												
...												

### 10. Summary of Erosion and Sediment Control Devices

Summary of Erosion Control and Sediment Control Devices													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
0104 1	ARTIFICIAL COVERINGS	SY	1.5		2		SR 13	-	-	-	-		
0104 10 3	SEDIMENT BARRIER	LF	30.0		87		SR 13	204+64.07	204+78.62	LT	51542		
			15.0				SR 13	204+78.73	204+92.79	LT	51546		
			25.0				SR 13	205+12.27	205+20.78	LT	51549		
			17.0				SR 13	205+34.52	205+50.73	LT	51550		
0104 18	INLET PROTECTION SYSTEM	EA	1		2		SR 13	202+35.00	202+35.00	LT	50697		
			1				SR 13	207+40.00	207+40.00	LT	50696		
...													
...													
...													

### 11. Summary of Litter Removal and Mowing

Summary of Litter Removal and Mowing																			
Pay Item Number	Pay Item Description	Units of Measure	Duration (Days)	Frequency (Days)	Length (FT)	Width (FT)	Cycles	Quantity			Total Quantity		Location					Design Notes	Construction Remarks
								ACI Cycle	P	F	P	F	Const. Phase	Alignment	Begin Station	End Station	Side		
0107 1	Litter Removal	AC	130	30			5	0.153	0.765		1.65		BL_45	111+53.70	111+66.16	RT	22391		
			130	30			5	0.176	0.880				BL_45	111+66.16	120+16.35	LT	22406		
0107 2	Mowing	AC	130	30			5	0.018	0.090		0.15		BL_45	116+33.72	116+92.09	LT	25826		
			130	30			5	0.011	0.055				BL_45	116+36.52	116+88.62	RT	25827		
...																			
...																			
...																			

### 12. Summary of Clearing and Grubbing and Removal Items

Summary of Clearing Grubbing and Removal Items																			
Pay Item Number	Pay Item Description	Units of Measure	Length (FT)	Width (FT)	Quantity		Total Quantity		Secondary Quantity			Location					Design Notes	Construction Remarks	
					P	F	P	F	Units	P	F	Alignment	Begin Station	End Station	Side	Element ID			
0110 1 1	Clearing and Grubbing	LS/AC			1.0		1		AC	0.018			BL_45	115+71.47	116+51.64	RT	22847	0.05 Total AC	
										0.013			BL_45	115+82.64	116+46.23	RT	25885		
										0.001			BL_45	116+24.99	116+38.84	LT	25884		
										0.001			BL_45	116+54.93	116+59.97	LT	25886		
										0.017			BL_45	116+58.83	117+36.23	RT	4765		
										0.002			BL_45	116+83.11	117+12.78	RT	25888		
										0.002			BL_45	116+85.27	117+15.52	LT	25887		
0110 4 10	Removal of Existing Concrete	SY			11.7		173						BL_45	115+92.54	116+46.23	RT	20043	Curb and Gutter	
					3.0								BL_45	116+36.22	116+41.32	RT	18871	Sidewalk	
					8.4								BL_45	116+37.22	116+54.95	LT	11170	Curb and Gutter	
					16.2								BL_45	116+38.75	116+54.90	LT	11245	Sidewalk	
					6.1								BL_45	116+58.94	116+93.19	RT	3475	Curb	
					29.8								BL_45	116+59.69	116+92.59	RT	3466	Median	
					1.4								BL_45	116+62.75	116+69.41	RT	20088	Curb and Gutter	
					7.5								BL_45	116+83.11	117+12.79	RT	12966	Curb and Gutter	
					22.4								BL_45	116+83.12	117+12.75	RT	12915	Sidewalk	
					8.4								BL_45	116+85.27	117+15.49	LT	3606	Curb and Gutter	
					23.3								BL_45	116+85.27	117+15.54	LT	6063	Sidewalk	
					5.6								BL_45	117+02.89	117+36.14	RT	3510	Curb	
					28.8								BL_45	117+03.46	117+35.47	RT	3457	Median	
...																			
...																			
...																			

### **13. Summary of Mailboxes**

**No example yet.**

## 14. Summary of Earthwork

**No example yet.**

## **15. Summary of Geotechnical Items**

**No example yet.**

## 16. Summary of Driveway Base

**No example yet.**

**17. Summary of Pavement**

Summary of Pavement														
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Location Description	Side			Element ID
0160 4	TYPE B STABILIZATION	SY	139.0		139		SR 13	204+84.73	205+45.08		LT	59274		
0285 706	OPTIONAL BASE, BASE GROUP 06	SY	112.7		113		SR 13	204+84.73	205+45.08		LT	56925		
0334 1 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	9.29		9.3		SR 13	204+86.93	205+45.08		LT	57838		
0337 7 81	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5, PG76-22	TN	9.29		9.3		SR 13	204+86.93	205+45.08		LT	58020		
--														
--														
--														

18. Summary of Miscellaneous Asphalt

Summary of Miscellaneous Asphalt														
Pay Item Number	Pay Item Description	Units of Measure	Thickness (IN)	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
				P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0339 1	Miscellaneous Asphalt Pavement	TN	2	17.52		280.7		BL_RampD-1	452+07.00	454+59.30	LT	4976		
			2	19.57				BL_RampA-1	152+08.00	154+67.98	LT	4972		
			2	80.65				BL_RampB	204+69.00	209+47.93	LT	152121		
			2	4.73				BL_SR93	1646+68.57	1647+60.00	LT	5000		
			2	55.33				BL_RampC	305+33.00	309+12.85	LT	4963		
			2	2.17				BL_RampB	207+20.00	207+60.00	RT	4957		
			2	4.66				BL_SR93	1649+58.00	1650+49.66	RT	4997		
			2	0.52				BL_RampB	208+23.00	208+33.66	RT	4960		
			2	0.55				BL_RampB	208+36.71	208+48.00	RT	4961		
			2	0.44				BL_RampB	209+12.00	209+25.00	RT	4962		
			2	1.41				BL_SR136	554+04.00	554+48.36	LT	4971		
			2	1.50				BL_SR136	A 565+70.62	A 566+19.74	RT	4970		
			2	9.04				BL_SR93	1702+19.00	1703+73.22	RT	5003		
			2	2.85				BL_SR93	1702+50.23	1703+09.00	RT	277926		
			2	10.05				BL_SR93	1702+53.00	1704+75.00	LT	277927		
			2	2.16				BL_SR93	1703+92.00	1704+36.46	LT	5006		
			2	13.30				BL_SR93	1704+35.00	1705+40.00	LT/RT	282761		
			2	10.42				BL_SR93	1704+99.00	1707+21.00	RT	277925		
			2	2.51				BL_SR93	1705+48.86	1705+93.00	RT	5005		
			2	8.78				BL_SR93	1706+36.74	1707+66.00	LT	5004		
			2	2.77				BL_SR93	1706+65.00	1707+23.77	LT	277928		
			2	16.69				BL_SR93	1810+80.00	1812+21.75	RT	4982		
			2	1.41				BL_SR93	1813+86.00	1814+30.11	LT	4983		
			2	0.23				BL_SR93	1817+29.00	1817+36.00	LT	4984		
			2	1.33				BL_SR93	1820+33.36	1820+79.24	RT	4988		
			2	2.40				BL_SR93	1820+33.55	1820+92.09	RT	4985		
			2	2.56				BL_SR93	1823+86.32	1824+45.04	LT	4989		
			2	1.33				BL_SR93	1823+98.99	1824+45.16	LT	4992		
			2	1.24				BL_SR93	1836+05.74	1836+51.69	RT	4993		

**Summary of Miscellaneous Asphalt (continued)**

Summary of Miscellaneous Asphalt														
Pay Item Number	Pay Item Description	Units of Measure	Thickness (IN)	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
				P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
			2	2.53				BL_SR93	1836+05.80	1836+64.36	RT	4994		
...														
...														
...														

## **19. Summary of Box Culverts**

**No example yet.**

## 20. Summary of Drainage

Summary of Drainage														
Pay Item Number	Label	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
				P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0430175124		PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/CD	LF	10.0		10		BL SURVEY SR 97	563+50.88	563+50.99	RT			
0430524100		STRAIGHT CONCRETE ENDWALLS, 24", SINGLE, 0 DEGREES, ROUND	EA	1		1		BL SURVEY SR 97	563+45.41	563+56.15	RT			
...														
...														
...														

## **21. Summary of Utility Adjustments**

**No example yet.**

## **22. Summary of Miscellaneous Drainage Items**

**No example yet.**

### 23. Summary of Railing

Summary of Railing													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
0515 1 2	Pipe Handrail - Guiderail, Aluminum	LF	24.2		24		BL_45	115+92.97	116+07.40	RT	18942		
...													
...													
...													

### 24. Summary of Curbs

Summary of Curbs													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
0520 1 7	Concrete Curb & Gutter, Type E	LF	160.4		160		BL_45	115+72.99	116+50.12	RT	26120		
0520 1 10	Concrete Curb & Gutter, Type F	LF	54.1		169		BL_45	115+92.63	116+46.23	RT	11073		
			37.8				BL_45	116+24.99	116+63.03	LT	18906		
			6.7				BL_45	116+63.64	116+70.29	RT	19556		
			36.5				BL_45	116+82.03	117+18.76	LT	18903		
			33.8				BL_45	116+83.11	117+16.50	RT	18902		
0520 2 4	Concrete Curb, Type D	LF	19.3		19		BL_45	115+82.67	115+92.67	RT	24824		
...													
...													
...													

### 25. Summary of Permanent Barriers

Summary of Permanent Barriers													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0521 72 56	Shoulder Concrete Barrier, 56 Pier Protection Barrier/Crash Wall	LF	190.0		380		BL_SR93	1703+09.00	1704+99.00	RT	47184		
			190.0				BL_SR93	1704+75.00	1706+65.00	LT	47205		
...													
...													
...													

## **26. Summary of Permanent Driveways**

**No example yet.**

### 27. Summary of Sidewalk and Detectable Warnings

Summary of Sidewalk and Detectable Warnings													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
0522 1	Sidewalk Concrete And Driveways, 4 Thick	SY	14.8		123		PRESR55	46+09.23	46+38.77	RT	21148		
			16.9				PRESR55	49+12.53	49+42.94	LT	21143		
			21.1				PRESR55	53+63.63	54+01.75	LT	44129		
			54.2				PRESR55	54+34.75	55+32.33	LT	44131		
			15.8				PRESR55	55+82.69	56+11.64	LT	44132		
0522 2	Sidewalk Concrete And Driveways, 6 Thick	SY	5.3		49		CLRAMPC	300+50.47	300+60.08	LT	10631		
			18.4				PRESR55	54+01.61	54+34.78	LT	44092		
			25.8				PRESR55	55+32.30	55+82.74	LT	44099		
0527 2	Detectable Warnings	SF	8.0		8		CLRAMPC	300+54.05	300+58.26	LT	10828		
...													
...													
...													

### 28. Summary of Ditch Pavement

Summary of Ditch Pavement													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
0524 1 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	75.9		76		BL SURVEY SR 97	563+00.00	563+70.00	RT	3720		
...													
...													
...													

### 29. Summary of Walls

Summary of Walls													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Wall No.	Alignment	Begin Station	End Station	Side		
0400 0 11	Concrete Class NS, Gravity Wall Index 400-011	CY	3.50		3.5		1	BL_45	115+92.63	116+07.40	RT		
...													
...													
...													

### 30. Summary of Guardrail

Summary of Guardrail												
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
0536 1 1	Guardrail -Roadway, General TI-3	LF	184.4		2752		BL_RampB-1	251+28.82	253+10.49	LT	19018	
			190.6				BL_RampA-1	151+32.31	153+25.05	RT	20542	
			237.5				BL_RampD-1	452+12.83	454+41.03	LT	26174	
			250.0				BL_RampA-1	152+14.06	154+54.25	LT	25811	
			81.2				BL_SR93	1646+68.57	1647+49.51	LT	19502	
			203.1				BL_RampB	204+78.92	206+62.33	LT	19017	
			140.6				BL_RampC	305+42.36	306+70.36	LT	14427	
			81.3				BL_SR93	1649+68.33	1650+49.62	RT	15053	
			84.4				BL_RampD	408+49.76	409+34.11	RT	14953	
			71.9				BL_RampA	108+53.89	109+25.72	RT	20438	
			37.5				BL_SR136	554+10.86	554+48.36	LT	11516	
			37.5				BL_SR136	A 565+70.62	A 566+08.12	RT	12005	
			143.8				BL_SR93	1702+29.47	1703+73.22	RT	44168	
			37.5				BL_SR93	1703+98.97	1704+36.46	LT	43658	
			215.6				BL_SR93	1702+59.98	1704+75.60	LT	50497	
			215.6				BL_SR93	1704+98.40	1707+14.02	RT	49156	
			37.5				BL_SR93	1705+48.86	1705+86.36	RT	43649	
			118.8				BL_SR93	1706+36.74	1707+55.49	LT	44224	
			131.3				BL_SR93	1810+90.50	1812+21.75	RT	8769	
			37.5				BL_SR93	1813+92.61	1814+30.11	LT	8616	
			71.6				BL_SR93	1820+33.36	1821+04.93	RT	11093	
			71.6				BL_SR93	1823+73.58	1824+45.16	LT	11097	
			71.6				BL_SR93	1836+05.74	1836+77.31	RT	11101	
0536 1 3	Guardrail- Roadway, Double Face	LF	162.5		781		BL_RampB	206+62.34	208+05.48	LT	20220	
			284.4				BL_RampC	306+70.36	309+06.48	LT	18447	
			40.6				BL_SR93	1702+50.23	1702+90.85	RT	279709	
			18.8				BL_SR93	1702+90.85	1703+09.60	RT	279712	

Summary of Guardrail (continued)

Summary of Guardrail													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
			18.8				BL_SR93	1706+64.40	1706+83.15	LT	279713		
			40.6				BL_SR93	1706+83.15	1707+23.77	LT	279714		
			34.1				BL_SR93	1820+33.62	1820+67.69	RT	11240		
			37.5				BL_SR93	1820+67.62	1821+05.11	RT	11242		
			37.5				BL_SR93	1823+73.47	1824+10.95	LT	11243		
			34.2				BL_SR93	1824+10.90	1824+45.04	LT	11241		
			34.1				BL_SR93	1836+05.87	1836+39.95	RT	11239		
			37.5				BL_SR93	1836+39.89	1836+77.36	RT	11244		
0536 5 1	Rub Rail For Guardrail, Single Sided Rub Rail	LF	40.6		150		BL_SR93	1702+50.23	1702+90.85	RT	50331		
			40.6				BL_SR93	1706+83.15	1707+23.77	LT	48666		
			34.2				BL_SR93	1824+10.90	1824+45.04	LT	11241		
			34.1				BL_SR93	1836+05.87	1836+39.95	RT	11239		
0536 5 2	Rubrail For Guardrail, Double Sided Rub Rail	LF	34.1		34		BL_SR93	1820+33.62	1820+67.69	RT	11240		
0536 8112	Guardrail Transition Connection To Rigid Barrier, Furnish And Install, Index 536-001, Approach T1-3	EA	1		2		BL_SR93	1703+09.60		RT			
			1				BL_SR93	1706+64.40		LT			
0536 8113	Guardrail Transition Connection To Rigid Barrier, Furnish And Install, Index 536-001, Trailing	EA	1		2		BL_SR93	1704+75.60		LT			
			1				BL_SR93	1704+98.40		RT			
0536 8122	Guardrail Transition Connection To Rigid Barrier, Furnish And Install, Index 536-002, Approach T1-3	EA	1		6		BL_SR93	1821+04.93		RT			
			1				BL_SR93	1821+05.11		RT			
			1				BL_SR93	1823+73.47		LT			
			1				BL_SR93	1823+73.58		LT			
			1				BL_SR93	1836+77.31		RT			
			1				BL_SR93	1836+77.36		RT			
0536 73	Guardrail Removal	LF	52.7		2710		BL_SR93	1646+68.57	1647+20.58	LT	2890		
			206.9				BL_RampA-1	151+17.30	153+26.22	RT	2383		
			529.1				BL_RampB	204+95.66	209+39.57	LT	2233		
			404.3				BL_RampC	305+63.35	309+04.96	LT	2382		
			39.9				BL_SR93	1650+09.82	1650+49.62	RT	2365		

Summary of Guardrail (continued)

Summary of Guardrail													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
			77.1				BL_RampD	408+52.45	409+29.36	RT	2232		
			77.1				BL_RampA	108+53.16	109+29.84	RT	2234		
			39.4				BL_SR136	554+09.12	554+48.36	LT	2369		
			38.7				BL_SR136	A 565+70.62	A 566+09.06	RT	2368		
			262.9				BL_SR93	1702+50.23	1705+13.11	RT	277779		
			81.3				BL_SR93	1702+97.93	1703+73.22	RT	2221		
			40.5				BL_SR93	1703+97.51	1704+36.46	LT	2223		
			254.5				BL_SR93	1704+69.28	1707+23.77	LT	277780		
			81.3				BL_SR93	1706+36.74	1707+17.91	LT	2224		
			39.8				BL_SR93	1705+48.86	1705+87.33	RT	2222		
			81.3				BL_SR93	1811+40.59	1812+21.75	RT	2225		
			39.3				BL_SR93	1813+91.00	1814+30.11	LT	2371		
			60.8				BL_SR93	1820+33.36	1820+94.13	RT	2373		
			60.3				BL_SR93	1820+33.57	1820+93.76	RT	2220		
			60.8				BL_SR93	1823+84.31	1824+45.04	LT	2227		
			60.6				BL_SR93	1823+84.59	1824+45.16	LT	2375		
			60.6				BL_SR93	1836+05.74	1836+66.26	RT	2377		
			60.3				BL_SR93	1836+05.82	1836+66.04	RT	2229		
0536 85 20	Guardrail End Treatment - Trailing Anchorage	EA	1		12		BL_RampB-1	253+10.49		LT			
			1				BL_RampD-1	452+12.83		LT			
			1				BL_RampA-1	152+14.06		LT			
			1				BL_RampD	408+49.76		RT			
			1				BL_RampA	108+53.89		RT			
			1				BL_SR136	554+10.86		LT			
			1				BL_SR136	A 566+08.12		RT			
			1				BL_SR93	1703+98.97		LT			
			1				BL_SR93	1702+59.96		LT			

**Summary of Guardrail (continued)**

Summary of Guardrail													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
			1				BL_SR93	1707+14.02			RT		
			1				BL_SR93	1705+48.86			RT		
			1				BL_SR93	1813+92.61			LT		
0536 85 24	Guardrail End Treatment- Parallel Approach Terminal	EA	1		10		BL_RampA-1	153+25.05			RT		
			1				BL_RampD-1	454+41.03			LT		
			1				BL_RampA-1	154+54.25			LT		
			1				BL_SR93	1647+49.51			LT		
			1				BL_RampB	204+78.92			LT		
			1				BL_RampC	305+42.36			LT		
			1				BL_SR93	1649+68.33			RT		
			1				BL_SR93	1702+29.47			RT		
			1				BL_SR93	1707+55.49			LT		
			1				BL_SR93	1810+90.50			RT		
0536 85 29	Guardrail End Treatment - Double Face Trailing Anchorage	EA	1		1		BL_RampC-1	352+58.28			LT		
...													
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### **31. Summary of Permanent Crash Cushions**

**No example yet.**

### 32. Summary of Fencing

Summary of Fencing													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
0550 10110	FENCING, TYPE A, 0.0-5.0', STANDARD	LF	50.0		170		BL_SR93	1810+14.31	1810+64.31	LT	12132		
			30.0				BL_SR93	1811+44.31	1811+74.31	LT	12130		
			30.0				BL_SR93	1826+94.09	1827+24.09	RT	12128		
			60.0				BL_SR93	1836+49.77	1837+07.18	LT	12037		
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**33. Summary of Performance Turf**

Summary of Performance Turf															
Pay Item Number	Pay Item Description	Units of Measure	Length (FT)	Width (FT)	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
					P	F	P	F	Alignment	Begin Station	End Station	Side	Element ID		
0570 1 2	Performance Turf, Sod	SY			54.3		629		CLRAMPD	400+88.95	403+59.43	RT	5999		
					0.2				CLRAMPD	400+92.90	400+97.02	RT	6111		
					0.1				CLRAMPD	400+96.94	401+01.18	RT	7126		
					0.1				CLRAMPD	401+05.29	401+09.61	RT	7131		
					0.0				CLRAMPC	301+19.74	301+23.82	LT	6113		
					0.0				CLRAMPD	401+09.59	401+13.97	RT	7136		
					0.0				CLRAMPC	301+23.82	301+32.18	LT	6223		
					0.0				CLRAMPC	301+32.15	301+36.41	LT	6228		
					415.2				CLRAMPC	301+36.40	309+61.83	LT	6009		
					2.0				CLRAMPD	401+27.46	401+60.66	RT	6041		
					0.1				CLRAMPC	301+49.48	301+53.98	LT	6233		
					157.0									TEMP. SOD	
571 1 11	Plastic Erosion Mat, Turf Reinforced Mat, Type 1	SY			472.0		472								
...															
...															
...															

### 34. Summary of Traffic Monitoring Site Items

Summary of Traffic Monitoring Site Items													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location					Design Notes	Construction Remarks
			P	F	P	F	Site No.	Alignment	Begin Station	End Station	Side		
635 2 11	Pull & Splice Box, F&I, 13 X 24 Cover Size	EA	1		2			BL A1A COLLINS	2291.06	2291.06	LT		
			1					BL A1A COLLINS	2294.48	2294.48	LT		
695 1 1	Traffic monitoring site vehicle sensor non-weight, f&i	EA	3		3			BL A1A COLLINS	22+90.98	22+90.98	LT/RT		
695 6 12	Traffic monitoring site inductive loop assembly, F&I, 2 loops	EA	3		3			BL A1A COLLINS	22+90.99	22+90.99	LT/RT		
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### 35. Summary of Utility Items

Summary of Utility Items - 430813-2-56-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
01060 15	Utility Structure, BelowGround, Adjust/Modify	EA	1		17		ICD	15+84.99	15+84.99	LT	15775		
			1				BL A1A COLLINS	23+54.85	23+54.85	LT	15835		
			1				ICD	17+71.97	17+71.97	LT	15787		
			1				BL A1A COLLINS	18+00.16	18+00.16	RT	15847		
			1				BL A1A COLLINS	18+42.31	18+42.31	LT	15859		
			1				ICD	19+96.06	19+96.06	LT	15799		
			1				BL A1A COLLINS	20+22.97	20+22.97	LT	15871		
			1				BL A1A COLLINS	21+84.96	21+84.96	LT	15883		
			1				ICD	22+46.15	22+46.15	LT	19730		
			1				BL A1A COLLINS	22+69.54	22+69.54	LT	15895		
			1				ICD	23+97.70	23+97.70	LT	15811		
			1				ICD	24+86.69	24+86.69	LT	15823		
			1				BL A1A COLLINS	25+20.14	25+20.14	LT	15907		
			1				BL A1A COLLINS	25+67.69	25+67.69	LT	15920		
			1				BL A1A COLLINS	26+91.26	26+91.26	LT	15932		
			1				BL A1A COLLINS	27+24.30	27+24.30	LT	15944		
			1				BL A1A COLLINS	27+83.81	27+83.81	LT	15956		
01080 21 300	Utility Fixture, Valve/Meter Box, Install - Box Furnished By Utility	EA	1		10		BL A1A COLLINS	18+56.32	18+56.32	RT	17996	water meters	
			1				BL A1A COLLINS	19+65.14	19+65.14	RT	17951	water meters	
			1				BL A1A COLLINS	19+68.38	19+68.38	RT	17960	water meters	

**Summary of Utility Items (continued)**

Summary of Utility Items - 430813-2-56-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
			1				BL A1A COLLINS	19+70.75	19+70.75	RT	17969	water meters	
			1				BL A1A COLLINS	19+73.37	19+73.37	RT	17978	water meters	
			1				BL A1A COLLINS	19+76.09	19+76.09	RT	17987	water meters	
			1				BL A1A COLLINS	22+07.11	22+07.11	RT	18005	water meters	
			1				ICD	23+72.51	23+72.51	LT	17924	water meters	
			1				ICD	23+78.38	23+78.38	LT	17933	water meters	
			1				ICD	23+82.26	23+82.26	LT	17942	water meters	
01080 24 500	Utility Fixture, Valve Assembly, Adjust/Modify	EA	1		18		ICD	15+87.24	15+87.24	LT	18196	water valves	
			1				ICD	16+89.07	16+89.07	LT	18187	water valves	
			1				ICD	17+76.88	17+76.88	RT	18160	water valves	
			1				ICD	17+78.43	17+78.43	LT	18178	water valves	
			1				ICD	17+82.17	17+82.17	LT	18169	water valves	
			1				BL A1A COLLINS	21+98.81	21+98.81	RT	18070	water valves	
			1				BL A1A COLLINS	22+01.25	22+01.25	RT	18061	water valves	
			1				ICD	23+50.53	23+50.53	LT	18214	water valves	
			1				ICD	23+70.30	23+70.30	LT	18205	water valves	
			1				BL A1A COLLINS	24+33.20	24+33.20	RT	18079	water valves	
			1				BL A1A COLLINS	25+20.60	25+20.60	RT	18088	water valves	
			1				BL A1A COLLINS	25+96.63	25+96.63	RT	18097	water valves	
			1				BL A1A COLLINS	25+99.14	25+99.14	RT	18106	water valves	
			1				BL A1A COLLINS	26+01.68	26+01.68	RT	18115	water valves	

**Summary of Utility Items (continued)**

Summary of Utility Items - 430813-2-56-01													
Pay Item Number	Pay Item Description	Units of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks	
			P	F	P	F	Alignment	Begin Station	End Station	Side			Element ID
			1				BL A1A COLLINS	26+74.31	26+74.31	RT	18124	water valves	
			1				BL A1A COLLINS	26+85.00	26+85.00	RT	18151	water valves	
			1				BL A1A COLLINS	27+19.69	27+19.69	RT	18133	water valves	
			1				BL A1A COLLINS	27+82.51	27+82.51	LT	18142	water valves	
...													
...													
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## **36. Summary of Structure Quantities**

Pending

### **37. Summary of Landscape Items**

**No example yet.**

### **38. Summary of Signalization Items**

**No example yet.**

### **39. Summary of Intelligent Transportation System Items**

**No example yet.**

## **40. Summary of Signing and Pavement Marking**

**No example yet.**

## **41. Summary of Lighting**

**No example yet.**