R902 Estimated Quantities Report Companion

R902.1 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 - 10/31/2024

Contents

General Information

Blank EQR Summary Tables: Order and Usage Notes

Filled 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

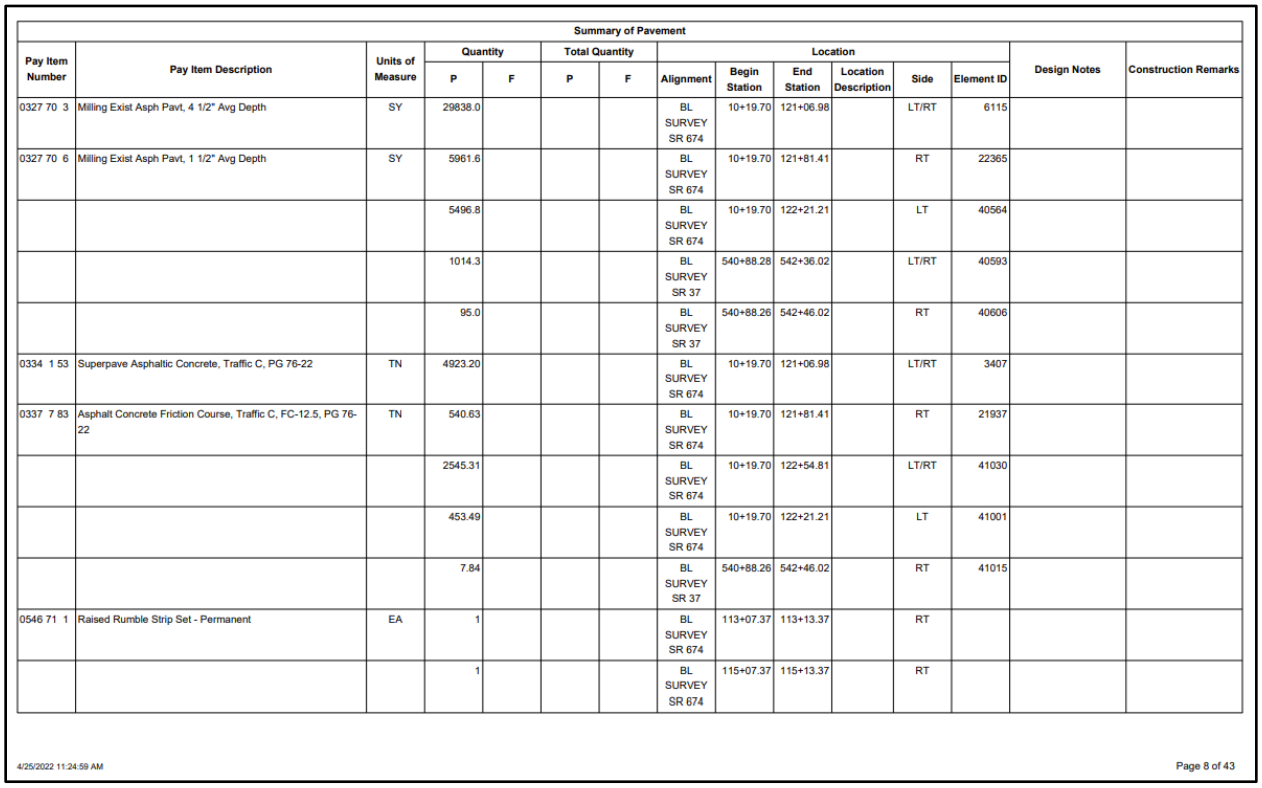
FDOT Design Manual

BOE

R902.1.1 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.

Figure R902.1.1 Example 1



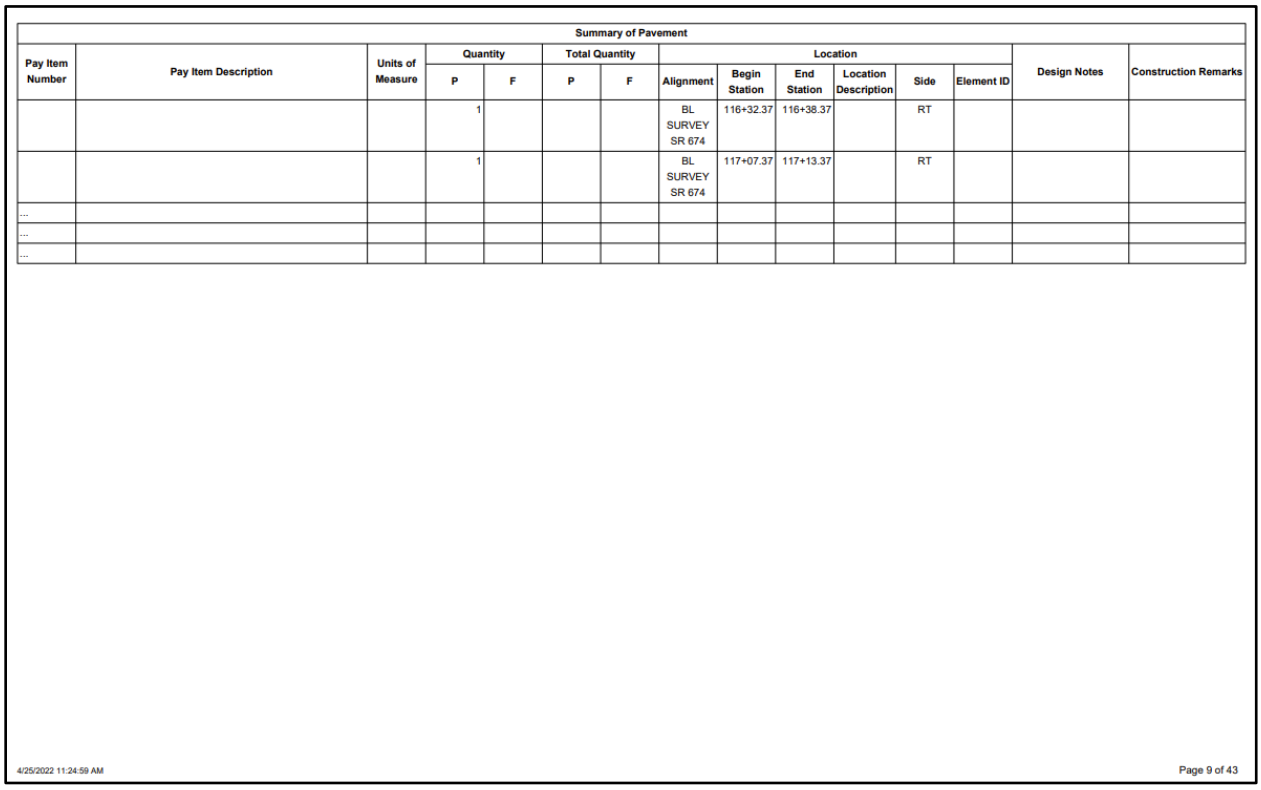
Summary of Pavement

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			

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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.

Figure R902.1.2 Example 2



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		
			1				BL SURVEY SR 674	116+32.37	116+38.37		RT			
			1				BL SURVEY SR 674	117+07.37	117+13.37		RT			
...														
...														
...														

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

Figure R902.1.3 Example 3

Summary of Utiltiy 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	

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Table R902.1.1 Blank Summary Tables: Order and Usage Notes

R902.1.1	**Summary Table Title** *(Select title to go to Instructions)*
R902.1.2	Summary of General Items
R902.1.3	Summary of Lump Sum Items
R902.1.4	Summary of Temporary Traffic Control Plan Items
R902.1.5	Summary of Special Detours
R902.1.6	Summary of Temporary Highway Lighting
R902.1.7	Summary of Temporary Driveways
R902.1.8	Summary of Pedestrian Longitudinal Channelizing Devices
R902.1.9	Summary of Temporary Crash Cushions
R902.1.10	Summary of Temporary Signalization & Detection
R902.1.11	Summary of Erosion and Sediment Control Devices
R902.1.12	Summary of Litter Removal and Mowing
R902.1.13	Summary of Clearing Grubbing and Removal Items
R902.1.14	Summary of Mailboxes
R902.1.15	Summary of Earthwork
R902.1.16	Summary of Geotechnical Items
R902.1.17	Summary of Driveway Base
R902.1.18	Summary of Pavement
R902.1.19	Summary of Miscellaneous Asphalt
R902.1.20	Summary of Box Culverts
R902.1.21	Summary of Drainage

R902.1.22	Summary of Utility Adjustments
R902.1.23	Summary of Miscellaneous Drainage Items
R902.1.24	Summary of Railing
R902.1.25	Summary of Curbs
R902.1.26	Summary of Permanent Barriers
R902.1.27	Summary of Permanent Driveways
R902.1.28	Summary of Sidewalk & Detectable Warnings
R902.1.29	Summary of Ditch Pavement
R902.1.30	Summary of Walls
R902.1.31	Summary of Guardrail
R902.1.32	Summary of Fencing
R902.1.33	Summary of Permanent Crash Cushions
R902.1.34	Summary of Performance Turf
R902.1.35	Summary of Traffic Monitoring Site Items
R902.1.36	Summary of Utility Items
R902.1.37	Summary of Structure Quantities
R902.1.38	Summary of Landscape Items
R902.1.39	Summary of Signalization Items
R902.1.40	Summary of Intelligent Transportation System Items
R902.1.41	Summary of Signing and Pavement Marking
R902.1.42	Summary of Lighting Items

Table R902.1.2 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 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		
...												
...												
...												

Table R902.1.3 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		
...								
...								
...								

Table R902.1.4 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		
...														
...														
...														

Table R902.1.5 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	Element ID		
...																			
...																			
...																			

Table R902.1.6 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		
...																	
...																	
...																	

Table R902.1.7 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		
...																
...																
...																

Table R902.1.8 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		
...																
...																
...																

Table R902.1.9 Summary of Temporary Crash Cushions

102: Temporary Crash Cushions

Return to Summary Table List

This table is intended for use with Temporary Crash Cushions - Do not include this pay item on the Summary of Temporary Traffic Control Plan Items. Details must be provided for each location. Only one station location is required for items using a unit of EA (each).

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	Element ID		
...																		
...																		
...																		

Table R902.1.10 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		
...												
...												
...												

Table R902.1.11 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		
...													
...													
...													

Table R902.1.12 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	Element ID		
...																				
...																				
...																				

Table R902.1.13 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.

Design Notes column may be used to show areas with less than 0.001 acres (which might otherwise be lost to CADD Tools rounding), and for showing the total acres.

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		
...																		
...																		
...																		

Table R902.1.14 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		
...													
...													
...													

Table R902.1.15 Summary of Earthwork

120: Earthwork

Return to Summary Table List

This table is intended for use with earthwork items. Design Notes Column may be used to show each operation's group subtotals. 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		
...													
...													
...													

Table R902.1.16 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		
...													
...													
...													

Table R902.1.17 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		
...													
...													
...													

Table R902.1.18 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	Element ID		
...														
...														
...														

Table R902.1.19 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			
...															
...															
...															

Table R902.1.20 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		
...													
...													
...													

Table R902.1.21 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		
...														
...														
...														

Table R902.1.22 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		
...													
...													
...													

Table R902.1.23 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		
...													
...													
...													

Table R902.1.24 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		
...													
...													
...													

Table R902.1.25 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		
...													
...													
...													

Table R902.1.26 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		
...													
...													
...													

Table R902.1.27 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		
...													
...													
...													

Table R902.1.28 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		
...													
...													
...													

Table R902.1.29 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		
...													
...													
...													

Table R902.1.30 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		
...													
...													
...													

Table R902.1.31 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		
...													
...													
...													

Table R902.1.32 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		
...													
...													
...													

Table R902.1.33 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. Only one station location is required for items using a unit of EA (each).

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		
...															
...															
...															

Table R902.1.34 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	Element ID		
...															
...															
...															

Table R902.1.35 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		Location					Design Notes	Construction Remarks
			P	F	P	F	Site No.	Alignment	Begin Station	End Station	Side		
...													
...													
...													

Table R902.1.36 Summary of Utility Items

U1000: Utility Work

Return to Summary Table List

This table is intended for use with Utility Work.

Summary of Utiltiy 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		
...													
...													
...													

Table R902.1.37 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		
	...												
	...												
	...												

Table R902.1.38 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		
...															
...															
...															

Table R902.1.39 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		
...													
...													
...													

Table R902.1.40 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		
...													
...													
...													

Table R902.1.41 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		
...													
...													
...													

Table R902.1.42 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		
...												
...												
...												

Table R902.2.1 Summary Table Examples

R902.2.1	**Summary Table Title** *(Select title to go to Instructions)*
R902.2.2	Summary of General Items
R902.2.3	Summary of Lump Sum Items
R902.2.4	Summary of Temporary Traffic Control Plan Items
R902.2.5	Summary of Special Detours
R902.2.6	Summary of Temporary Highway Lighting
R902.2.7	Summary of Temporary Driveways
R902.2.8	Summary of Pedestrian Longitudinal Channelizing Devices
R902.2.9	Summary of Temporary Crash Cushions
R902.2.10	Summary of Temporary Signalization & Detection
R902.2.11	Summary of Erosion and Sediment Control Devices
R902.2.12	Summary of Litter Removal and Mowing
R902.2.13	Summary of Clearing Grubbing and Removal Items
R902.2.14	Summary of Mailboxes
R902.2.15	Summary of Earthwork
R902.2.16	Summary of Geotechnical Items
R902.2.17	Summary of Driveway Base
R902.2.18	Summary of Pavement
R902.2.19	Summary of Miscellaneous Asphalt
R902.2.20	Summary of Box Culverts
R902.2.21	Summary of Drainage

R902.2.22	Summary of Utility Adjustments
R902.2.23	Summary of Miscellaneous Drainage Items
R902.2.24	Summary of Railing
R902.2.25	Summary of Curbs
R902.2.26	Summary of Permanent Barriers
R902.2.27	Summary of Permanent Driveways
R902.2.28	Summary of Sidewalk & Detectable Warnings
R902.2.29	Summary of Ditch Pavement
R902.2.30	Summary of Walls
R902.2.31	Summary of Guardrail
R902.2.32	Summary of Fencing
R902.2.33	Summary of Permanent Crash Cushions
R902.2.34	Summary of Performance Turf
R902.2.35	Summary of Traffic Monitoring Site Items
R902.2.36	Summary of Utility Items
R902.2.37	Summary of Structure Quantities
R902.2.38	Summary of Landscape Items
R902.2.39	Summary of Signalization Items
R902.2.40	Summary of Intelligent Transportation System Items
R902.2.41	Summary of Signing and Pavement Marking
R902.2.42	Summary of Lighting Items

Table R902.2.2 Summary of General Items

Return to Summary Tables Examples List

Pending

Table R902.2.3 Summary of Lump Sum Items

Return to Summary Tables Examples List

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	
...								
...								
...								

Table R902.2.4 Summary of Temporary Traffic Control Plan Items

Return to Summary Tables Examples List

No example yet.

Table R902.2.5 Summary of Special Detours

Return to Summary Tables Examples List

No example yet.

Table R902.2.6 Summary of Temporary Highway Lighting

Return to Summary Tables Examples List

No example yet.

Table R902.2.7 Summary of Temporary Driveways

Return to Summary Tables Examples List

No example yet.

Table R902.2.8 Summary of Pedestrian Longitudinal Channelizing Devices

Return to Summary Tables Examples List

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		
...																
...																
...																

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Table R902.2.9 Summary of Temporary Crash Cushions

Return to Summary Tables Examples List

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	Element ID		
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			
...																		
...																		
...																		

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Table R902.2.10 Summary of Temporary Signalization and Detection

Return to Summary Tables Examples List

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		
...												
...												
...												

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Table R902.2.11 Summary of Erosion and Sediment Control Devices

Return to Summary Tables Examples List

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		
...													
...													
...													

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Table R902.2.12 Summary of Litter Removal and Mowing

Return to Summary Tables Examples List

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	Element ID		
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		
...																				
...																				
...																				

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Table R902.2.13 Summary of Clearing and Grubbing and Removal Items

Return to Summary Tables Examples List

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	
...																		
...																		
...																		

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Table R902.2.14 Summary of Mailboxes

Return to Summary Tables Examples List

No example yet.

Table R902.2.15 Summary of Earthwork

Return to Summary Tables Examples List

No example yet.

Table R902.2.16 Summary of Geotechnical Items

Return to Summary Tables Examples List

No example yet.

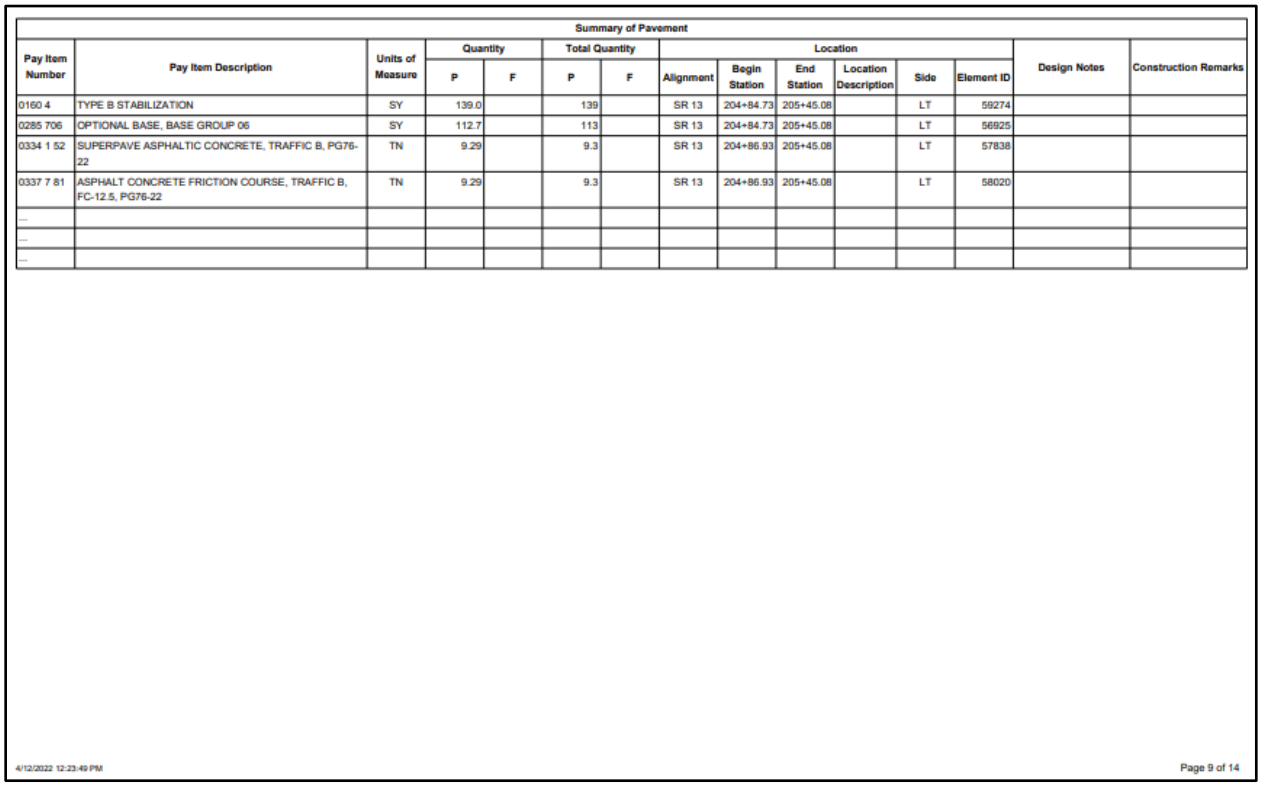
Table R902.2.17 Summary of Driveway Base

Return to Summary Tables Examples List

No example yet.

Table R902.2.18 Summary of Pavement

Return to Summary Tables Examples List



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		
...														
...														
...														

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Table R902.2.19 Summary of Miscellaneous Asphalt

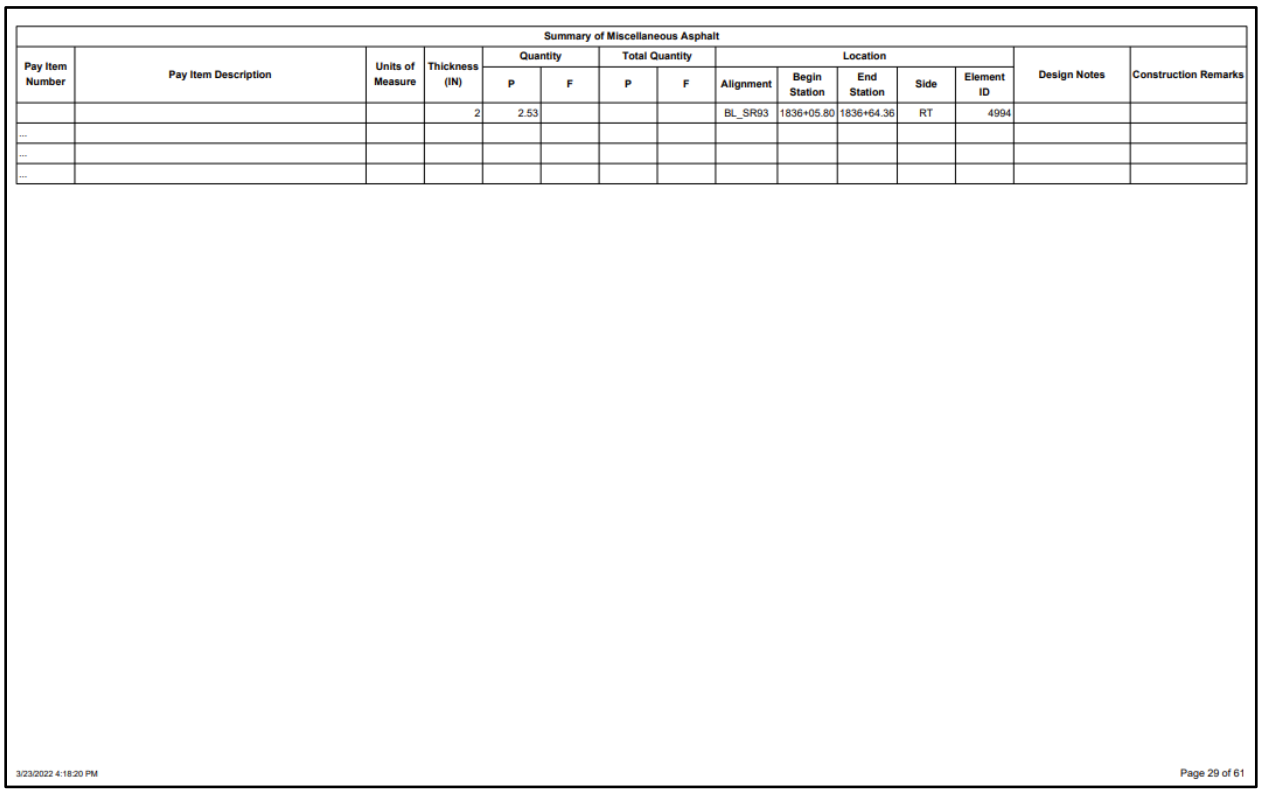
Return to Summary Tables Examples List

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		

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Table R902.2.19 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		
...														
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Table R902.2.20 Summary of Box Culverts

Return to Summary Tables Examples List

No example yet.

Table R902.2.21 Summary of Drainage

Return to Summary Tables Examples List

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			
...														
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Table R902.2.22 Summary of Utility Adjustments

Return to Summary Tables Examples List

No example yet.

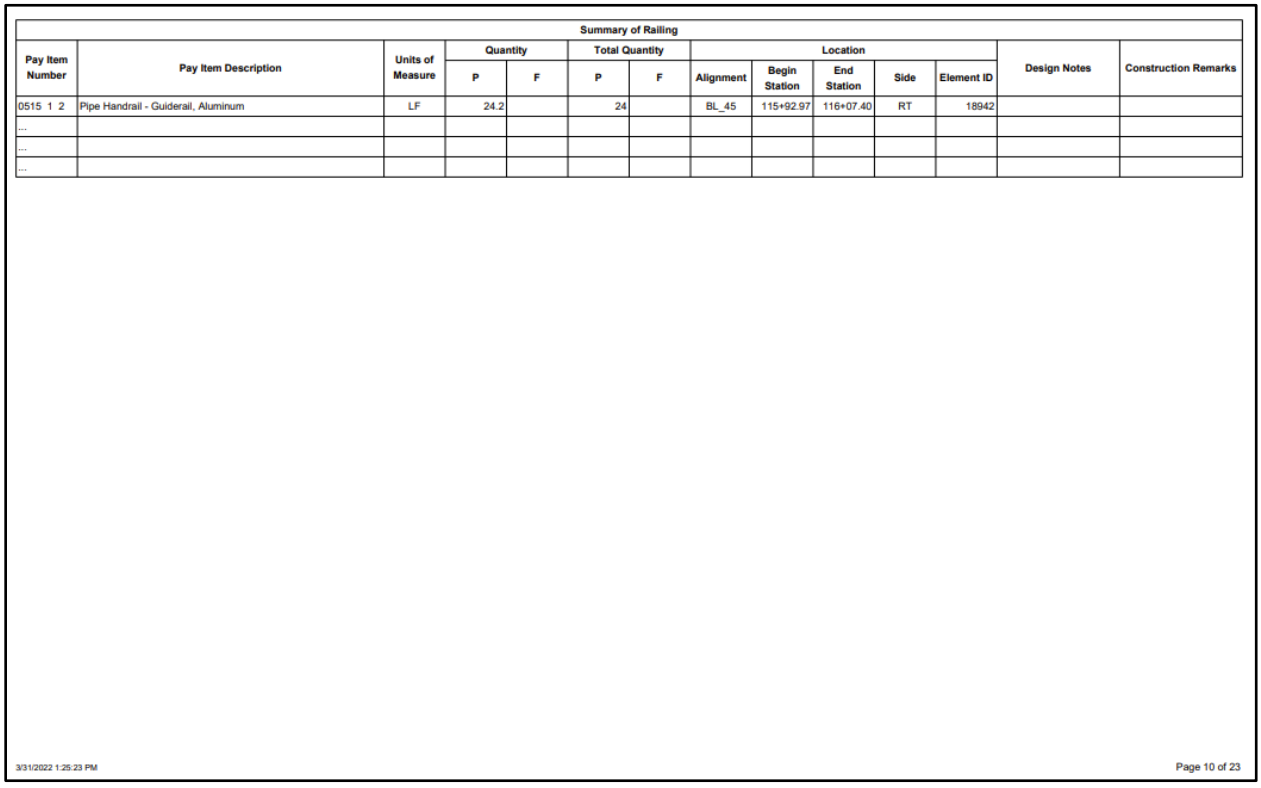
Table R902.2.23 Summary of Miscellaneous Drainage Items

Return to Summary Tables Examples List

No example yet.

Table R902.2.24 Summary of Railing

Return to Summary Tables Examples List



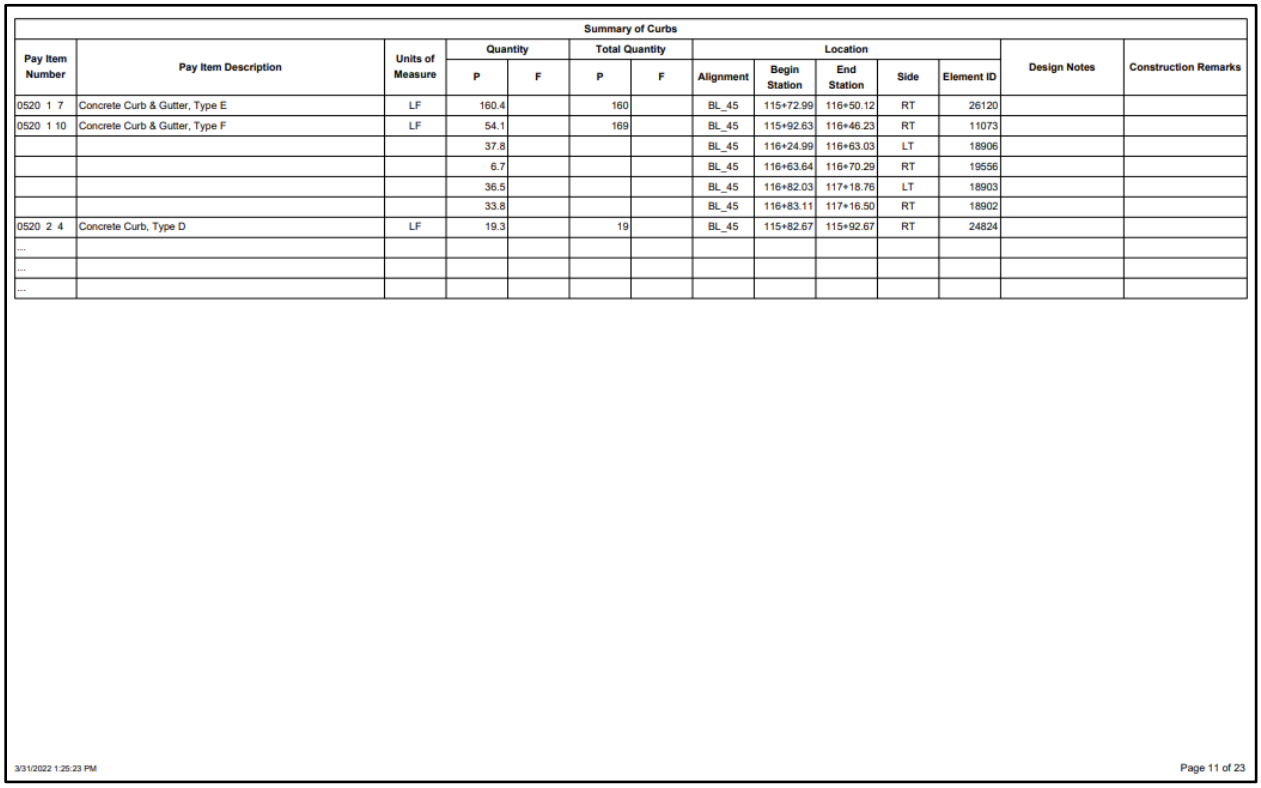
Summary of Railing

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		
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Table R902.2.25 Summary of Curbs

Return to Summary Tables Examples List



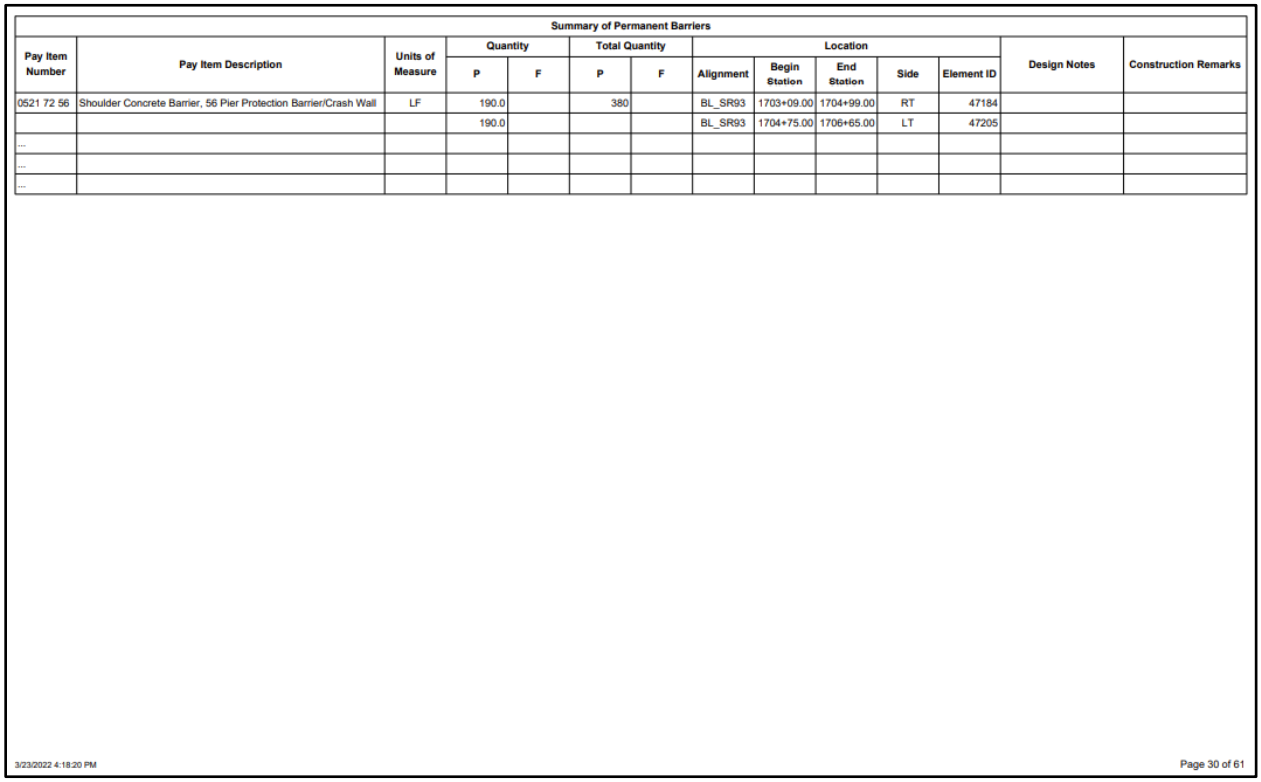
Summary of Curbs

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		
...													
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Table R902.2.26 Summary of Permanent Barriers

Return to Summary Tables Examples List



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		
...													
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Table R902.2.27 Summary of Permanent Driveways

Return to Summary Tables Examples List

No example yet.

Table R902.2.28 Summary of Sidewalk and Detectable Warnings

Return to Summary Tables Examples List

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		
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Table R902.2.29 Summary of Ditch Pavement

Return to Summary Tables Examples List

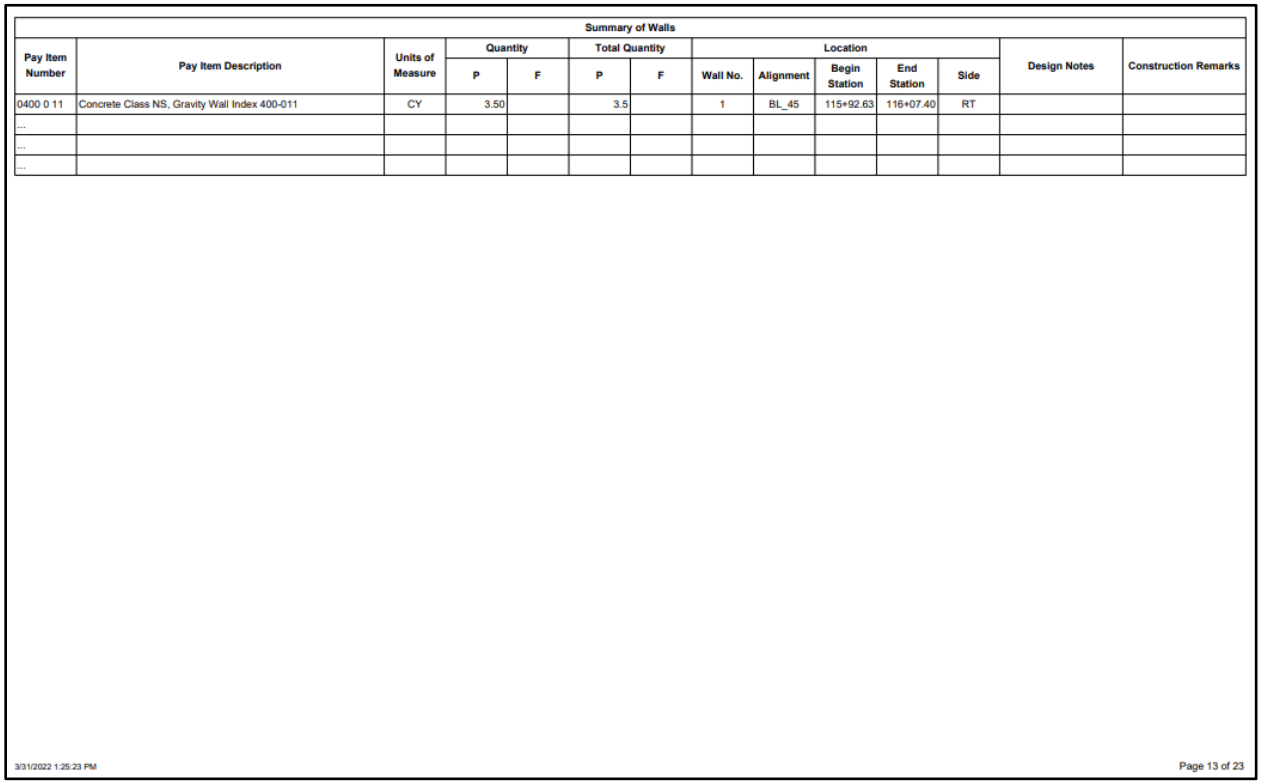
Summary of Ditch Pavement

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		
...													
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Table R902.2.30 Summary of Walls

Return to Summary Tables Examples List



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		
...													
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Table R902.2.31 Summary of Guardrail

Return to Summary Tables Examples List

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		
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		

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Table R902.2.31 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 TI-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 TI-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		

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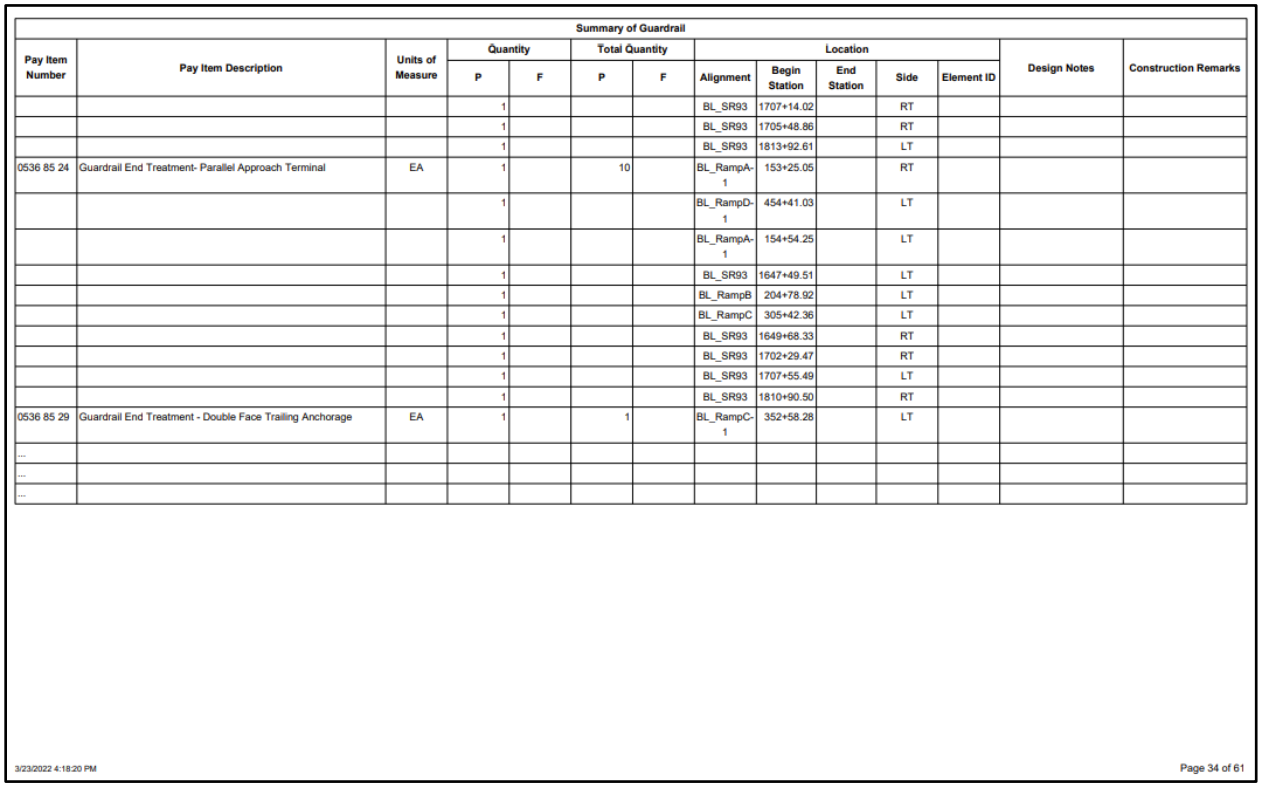
Table R902.2.31 Summary of Guardrail (continued)

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+59.98		LT			

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Table R902.2.31 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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Table R902.2.32 Summary of Permanent Crash Cushions

Return to Summary Tables Examples List

No example yet.

Table R902.2.33 Summary of Fencing

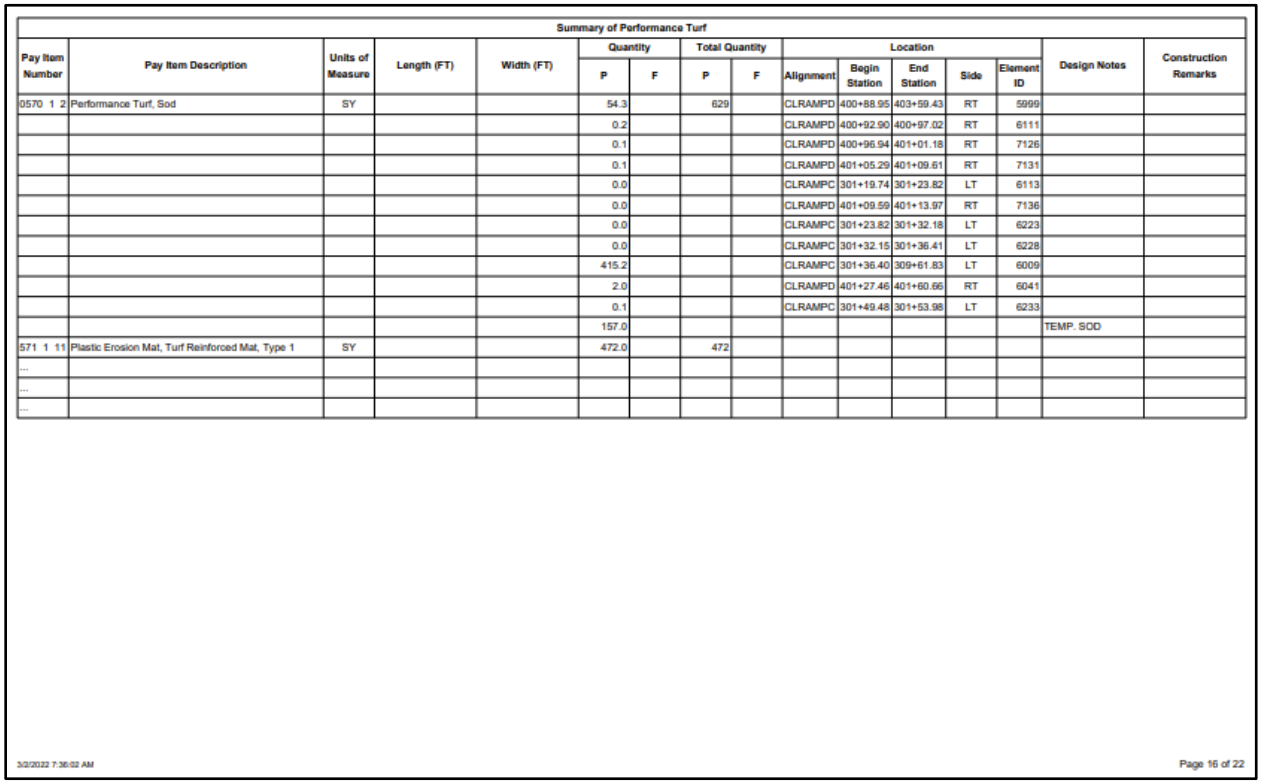
Return to Summary Tables Examples List

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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Table R902.2.34 Summary of Performance Turf

Return to Summary Tables Examples List



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								
...															
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Table R902.2.35 Summary of Traffic Monitoring Site Items

Return to Summary Tables Examples List

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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Table R902.2.36 Summary of Utility Items

Return to Summary Tables Examples List

Summary of Utiltiy 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	

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Table R902.2.36 Summary of Utility Items (continued)

Summary of Utiltiy 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	

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Table R902.2.36 Summary of Utility Items (continued)

Summary of Utiltiy 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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...													
...													

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Table R902.2.37 Summary of Structure Quantities

Return to Summary Tables Examples List

Pending

Table R902.2.38 Summary of Landscape Items

Return to Summary Tables Examples List

No example yet.

Table R902.2.39 Summary of Signalization Items

Return to Summary Tables Examples List

No example yet.

Table R902.2.40 Summary of Intelligent Transportation System Items

Return to Summary Tables Examples List

No example yet.

Table R902.2.41 Summary of Signing and Pavement Marking

Return to Summary Tables Examples List

No example yet.

Table R902.2.42 Summary of Lighting

Return to Summary Tables Examples List

No example yet.