



Illinois Department of Transportation

Memorandum

To: Studies & Plans Squad Leaders PPM 70-05
From: James M. Sullivan Revised: Tim Brandenburg
Subject: Traffic Control Surveillance
Date: June 26, 1998 Revision Date: December 6, 2006

PLAN PREPARATION MEMORANDUM 70-05

BACKGROUND

This memorandum revises Plan Preparation Memorandum 98-248.P, Traffic Control Surveillance and supplements Article 701 of the Standard Specifications for providing uniformity in the use of Traffic Control Surveillance per applicable contracts.

Article 701.10 of the Standard Specifications for Road and Bridge Construction requires Traffic Control Surveillance when “open holes, broken pavement, trenches over 75 mm (3 inches) deep and 100 mm (4 inches) wide or other hazards are present adjacent to an open lane, in a closed lane, or adjacent to the closed lane during all hours when the contractor is not engaged in construction operations”. Per Article 701.20(g), the surveillance will be paid for at the contract unit price per calendar day or fraction thereof for “TRAFFIC CONTROL SURVEILLANCE.”

PROCEDURE

The attached table gives guidance intended to meet this intent. It shows when “TRAFFIC CONTROL SURVEILLANCE” should be included. Unless otherwise noted, the calendar day pay item should cover the duration of the various items of work. In the exception cases, the percentage of the time that the surveillance will be needed is indicated in the comments.

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RURAL

STANDARD NUMBER	TYPICAL APPLICATIONS	SURVEILLANCE STATUS OF APPLICATIONS REQ/N.R.	COMMENTS
701001	Culvert Cleaning Ditch & Drainage Struct. Cleaning Fencing Installation & Mtn Landscaping Work Mowing Utility Operations	N.R. N.R. N.R. N.R. N.R. N.R.	None
701006	Culvert Extensions Delineator Installation & Mtn Ditch & Drainage Struct Cleaning Fencing Installation & Mtn Guardrail installation & Mtn Landscaping Work Mowing Shoulder Repair Side Slope Changes Sign Installation & Mtn Utility Operations	N.R. N.R. N.R. N.R. N.R. N.R. N.R. N.R. N.R. N.R. N.R.	None
701011	Guardrail Installation & Mtn Mowing Shoulder Repair Utility Operations	N.R. N.R. N.R. N.R.	None
701101	Culvert Extentions Delineator Installation & Mtn Ditch & Drainage Struct Cleaning Guardrail Installation & Mtn Landscaping Work Mowing Shoulder Repair Side Slope Changes Sign Installation & Mtn Spreading Aggregate Utility Operations	N.R. N.R. N.R. N.R. N.R. N.R. REQUIRED N.R. N.R. N.R. REQUIRED	None Required if drop-off >3" exists during non-work hours. Required if drop-off >3" exists during non-work hours (adjacent to pavement)

RURAL

STANDARD NUMBER	TYPICAL APPLICATIONS	SURVEILLANCE STATUS OF APPLICATIONS REQ/N.R.	COMMENTS
701106	Culvert Extensions Ditch & Drainage Struct Cleaning Fencing Installation & Mtn Landscaping Work Utility Operations	N.R. N.R. N.R. N.R. N.R.	None
701201	Cable Placement Culvert Cleaning Culvert Construction Culvert Extensions Ditch & Drainage Struct Cleaning Guardrail Installation & Mtn Pavement Patching Storm Sewer Surface Maintenance Utility Operations Widening	N.R. N.R. REQUIRED REQUIRED N.R. N.R. N.R. REQUIRED N.R. REQUIRED REQUIRED	Required if drop-off >3" exists during non-working hours. Required if drop-off >3" exists during non-working hours. Patches should be opened to two-lane/two-way traffic prior to nightfall Required if drop-off >3" exists during non-work hours (adjacent to pavement) Required if open trenches exist adjacent to pavement during non-working hours. Required if open trenches or drop-offs >3" exist during non-working hours. Calendar day estimate should be 50% of the calendar days required for widening completion.
701206	Drainage Structure Installation Pavement Patching Storm Sewer Utility Operations Widening	REQUIRED N.R. REQUIRED REQUIRED REQUIRED	Refer to comments under 701201. Required if drop-off > 3" exists during non-work hours (adjacent to pavement) Refer to comments under 701201. Refer to comments under 701201.
701301	Cleaning Debris Off Pavement Field Survey Marking Patches String Line Utility Operations	N.R. N.R. N.R. N.R. N.R.	
701306	Crack Paving Field Survey Milling Operations Resurfacing Shoulder Repair Utility Operations	N.R. N.R. N.R. REQUIRED N.R. N.R.	Required if drop-off >3" exists during non-work hours. Required if drop-off >3" exists during non-work hours (adjacent to pavement) Required if drop-off >3" exists during non-work hours (adjacent to pavement)

RURAL

STANDARD NUMBER	TYPICAL APPLICATIONS	SURVEILLANCE STATUS OF APPLICATIONS REQ/N.R.	COMMENTS
701311	Cleaning Debris Off Pavement Crack Pouring Landscaping Work Radometer Measurements Striping (Pavement Marking) Utility Operations Weed Spraying	N.R. N.R. N.R. N.R. N.R. N.R. N.R.	
701316	Bridge Deck Repair	REQUIRED	Required if temporary concrete barriers are not specified and an open hole Exists in the bridge during non-working hours.
701321	Bridge Deck Repair	N.R.	
701326	Widening	REQUIRED	Required if open trenches or drop-off >3" exist during non-working hours. Calendar day estimate should be 50% of the calendar days required for widening completion.
701331	Bridge Construction Culvert Construction	N.R. N.R.	
701336	Cable Placement Pavement Patching String Line	N.R. N.R. N.R.	Patches should be opened to two-lane/two-way traffic prior to nightfall.
701401	Pavement Patching Resurfacing Storm Sewer Underdrain Installation Shoulder Reconstruction	REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED	Required if open holes exist during non-working hours. Calendar day estimate should be 50% of calendar days required for patching. Required if drop-off >3" exists during non-work hours (adjacent to open lane) Required if drop-off > 3" exists during non-work hours (adjacent to open lane) Required when trenches >3" in depth exist during non-working hours. Calendar day estimate should be 100% of the calendar days required for underdrain installation. Required if open trenches or drop-off >3" exist during non-working hours. Calendar day estimate should be 50% of the calendar days required for shoulder reconstruction.

RURAL

STANDARD NUMBER	TYPICAL APPLICATIONS	SURVEILLANCE STATUS OF APPLICATIONS REQ/N.R.	COMMENTS
701406	Guardrail Installation & Mtn Milling Operations Pavement Patching Resurfacing Storm Sewer Utility Operations	N.R. N.R. N.R. Daytime Only N.R. REQUIRED REQUIRED	Refer to comments under 701201 Refer to comments under 701201
701411		N.R.	Calendar days for surveillance will be included with Standard 701401
701416		N.R.	Calendar days for surveillance will be included with Standard 701401
701426	Landscaping Work Radometer Measurements Striping (Pavement Marking) Utility Operations Weed Spraying	N.R. N.R. N.R. N.R. N.R.	
701431	Pavement Patching Resurfacing Milling Operations	REQUIRED N.R. REQUIRED	Refer to comments under 701401 Required if drop-off >3" exists during non-working hours (inlays)

URBAN

STANDARD NUMBER	TYPICAL APPLICATIONS	SURVEILLANCE STATUS OF APPLICATIONS REQ/N.R.	COMMENTS
701501	Cable Placement	N.R.	
	Cleaning Debris Off Pavement	N.R.	
	Crack Pouring	N.R.	
	Culvert Construction	REQUIRED	Required if drop-off > 3" exists during non-working hours.
	Culvert Extensions	REQUIRED	Required if drop-off > 3" exists during non-working hours.
	Drainage Structure Installation	REQUIRED	Required if drop-off > 3" exists during non-working hours.
	Milling Operations	REQUIRED	Required if drop-off > 3" exists during non-working hours.
	Pavement Patching	N.R.	Pavement should be opened to two-way/two-lane traffic prior to nightfall
	Resurfacing	N.R.	
	Storm Sewer	REQUIRED	Required if drop-off >3" exists during non-work hours (adjacent to pavement).
	Surface Maintenance	N.R.	
	Utility Operations	REQUIRED	Required if open trenches exist adjacent to pavement during non-work hours.
	Widening	REQUIRED	Required if open trenches or drop-off >3" exist during non work hours. Calendar day estimate should be 50% of the calendar days required for widening completion.
701601	Bridge Construction	N.R.	Assuming temporary concrete barriers will be used for bridge construction
	Cable Placement	N.R.	
	Cleaning Debris Off Pavement	N.R.	
	Crack Pouring	N.R.	
	Culvert Construction	REQUIRED	Refer to comments under 701501
	Culvert Extensions	REQUIRED	Refer to comments under 701501
	Drainage Structure Installation	REQUIRED	Refer to comments under 701501
	Milling Operations	REQUIRED	Refer to comments under 701501
	Pavement Patching	REQUIRED	Required if open holes exist during non-work hours. Calendar day estimate should be 50% of the calendar days required for patching.
	Resurfacing	N.R.	Refer to comments 701501
	Storm Sewer	REQUIRED	Refer to comments under 701501
	Surface Maintenance	N.R.	
	Utility Operations	REQUIRED	Refer to comments under 701501
Widening	REQUIRED	Refer to comments under 701501	

URBAN

STANDARD NUMBER	TYPICAL APPLICATIONS	SURVEILLANCE STATUS OF APPLICATIONS REQ/N.R.	COMMENTS
701606	Bridge Construction	N.R.	Refer to comments under 701601
	Cable Placement	N.R.	
	Cleaning Debris Off Pavement	N.R.	
	Crack Pouring	N.R.	
	Culvert Construction	REQUIRED	Refer to comments under 701501
	Culvert Extensions	REQUIRED	Refer to comments under 701501
	Drainage Structure Installation	REQUIRED	Refer to comments under 701501
	Milling Operations	REQUIRED	Refer to comments under 701501
	Pavement Patching	REQUIRED	Refer to comments under 701601
	Resurfacing	N.R.	
	Storm Sewer	REQUIRED	Refer to comments under 701501
	Surface Maintenance	N.R.	
	Utility Operations	REQUIRED	Refer to comments under 701501
	Widening	REQUIRED	Refer to comments under 701501
701701	Cleaning Debris Off Pavement	N.R.	
	Crack Pouring	N.R.	
	Culvert Construction	REQUIRED	Refer to comments under 701501
	Culvert Extensions	REQUIRED	Refer to comments under 701501
	Drainage Structure Installation	REQUIRED	Refer to comments under 701501
	Milling Operations	N.R.	
	Pavement Patching	REQUIRED	Refer to comments under 701601
	Resurfacing	N.R.	
	Storm Sewer	REQUIRED	Refer to comments under 701501
	Utility Operations	REQUIRED	Refer to comments under 701501
	Widening	REQUIRED	Refer to comments under 701501
701801	Sidewalk Repair/Replacement	N.R.	