

Lump Sum Traffic Control For Local Agency Projects



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Lump Sum Traffic Control References

- WSDOT Local Agency Guidelines, LAG Section 13.2 requires Regional Local Programs approval of the PS&E prior to advertising projects.
- WSDOT Local Agency Guidelines, LAG Section 44.22(e) further requires HQ Local Programs concurrence of the use of LS Traffic Control.

Determining whether LS traffic Control is a good fit

- Project is one season.
- Traffic Control is well defined.
- Traffic Control is straightforward.
- Minimal impacts to transit, bicycles, and pedestrians.
- Consistent work hours.
- Single traffic control setups.

What needs to be submitted?

- Vicinity Map
- Site Specific Traffic Control Plans (TCP)
- Engineers Estimate or Proposal
- TCP estimate, including LS Traffic Control breakdown and reinstated items
- Justification for Lump Sum TC
- Schedule and Number of Working Days
- General use Permit (if applicable)

Site specific Traffic control plan

- Agencies must develop site specific TCPs for each contract.
- The TCP must address the conditions that the contractor will encounter during the project. (All approaches addressed, including private driveways)
- Standard template TCPs may be used in conjunction with site specific TCP to provide additional information.

Site specific Traffic control plan

- Detour plans shall be included in the contract documents.
- Site specific plans will have enough details to accurately bid LS traffic Control.
- WSDOT K-Plans not allowed.

What cannot be included in Lump Sum Traffic control

- Portable Changeable Message Signs
- Transportable Impact Attenuators (TMA)
- Repair of TMA
- Portable Temporary Traffic Control Signal
- Pavement markings
- Street cleaning or sweeping
- Uniformed Police Officer (UPO)
- Temporary Pavement
- Utility Relocations

Transit, Pedestrian, and Bicycle Impacts



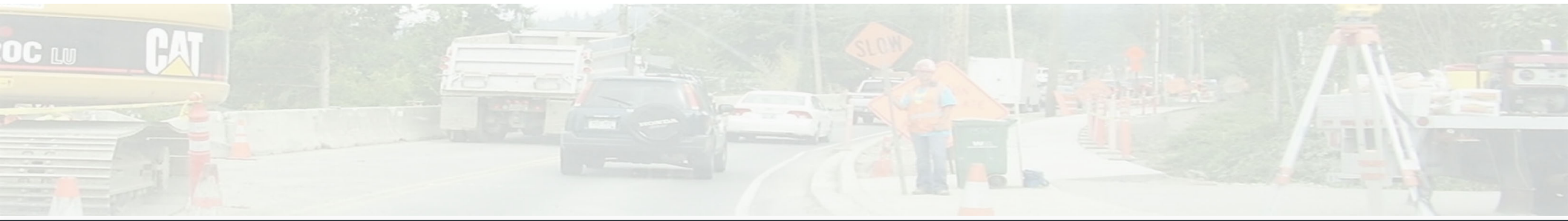
- Construction projects that impact transit, bicycle and/or pedestrian traffic must include accommodation for all impacted modes of travel in the contract Traffic Control Plans.
- Ensure these accommodations in compliance with ADA standards.

Uniformed Police Officers (UPO)

- UPOs may be used in conjunction with project temporary traffic control including the allowable use of a single UPO in the center of a signalized intersection.
- The intersection temporary traffic control setup shall include all other temporary traffic control devices that would be required for a flagger-controlled intersection.

UPO's continued

- UPOs shall be required to meet all other federal and state requirements for a scheduled work activity.
- UPOs must be shown on the TCPs and approved by the local agency prior to use on the project.



UPO's continued

- Typical uses for UPOs
 - Commissioning of a traffic signal
 - Countermanding a traffic signal indication at a signalized intersection.
 - Directing vehicle and pedestrian traffic
 - For safety, as required by Engineer

UPO's continued

UPOs cannot replace the requirements of a standard temporary traffic setup, meaning that UPOs can only be used as a supplement to the standard requirements of flagger-controlled intersections.



23 CFR 630.1108(d) Uniformed Law Enforcement Officers

- 630.1108(d)(1) - A number of conditions may indicate the need for or benefit of uniformed law enforcement in work zones. The presence of a uniformed law enforcement officer and marked law enforcement vehicle in view of motorized traffic on a highway project can affect driver behavior, helping to maintain appropriate speeds and improve driver alertness through the work zone. However, such law enforcement presence is not a substitute for the temporary traffic control devices required by Part 6 of the MUTCD. In general, the need for law enforcement is greatest on projects with high traffic speeds and volumes, and where the work zone is expected to result in substantial disruption to or changes in normal traffic flow patterns.

UPO GSPs

When specifying UPOs:

- Include a description of UPO
- Either provide no contact information or provide three Government Agency contacts (City, County, State)
- Do not list one sole UPO provider
- If the contractor is responsible for obtaining UPOs, the contract must include bid item.



UPO GSPs cont.

- Include a separate pay item.
- May alternatively use term “Law Enforcement Officer” or “Peace Officer”; use the term consistently throughout the special provisions and plans.
- An example GSP is available upon request.

TMA Vehicles

- TMAs may be required for work zones when speeds exceed 40mph
- When TMAs are required reinstate the standard item.
- If not required but recommended, TMAs can be made optional. Leaving the decision to the contractor and the cost.



Protective Vehicles

- Typically, a work truck without attenuator
- Protective vehicles may used to protect workers in lower speed situations such as flagging operations or temporary signals.
- Protective vehicles may be shown on plans when speeds are below 40mph.

General use permit

- When working in WSDOT's right of way, a general use permit is required and must be obtained prior to Lump Sum acceptance.
- WSDOT Form 224-698



Washington State
Department of Transportation

General Permit (Application and Permit)

Applicant (hereinafter referred to as Permit Holder)				Permit Number GP	
Address				State Route	
City	State	Zip Code	Begin Milepost (if applicable) Left <input type="checkbox"/> Right <input type="checkbox"/>	End Milepost (if applicable) Left <input type="checkbox"/> Right <input type="checkbox"/>	
Phone Number		FED ID/SWV #		Region	
Email				County	
Project Name (if applicable)					
Public Land Survey System (PLSS)					
At or begins at <input type="checkbox"/> NE 1/4 <input type="checkbox"/> NW 1/4 <input type="checkbox"/> SW 1/4 <input type="checkbox"/> SE 1/4 Section <input type="checkbox"/> Township <input type="checkbox"/> Range <input type="checkbox"/>					
and if applicable ends at <input type="checkbox"/> NE 1/4 <input type="checkbox"/> NW 1/4 <input type="checkbox"/> SW 1/4 <input type="checkbox"/> SE 1/4 Section <input type="checkbox"/> Township <input type="checkbox"/> Range <input type="checkbox"/>					
This General Permit shall apply to all Work being constructed by the permit on WSDOT right-of-way that is owned by or under WSDOT jurisdiction and includes all Work that will be WSDOT's responsibility to maintain when the Work is completed and accepted by WSDOT. (RCW 47.24.020 City Streets as part of State Highways.)					
Intended Use of WSDOT Highway Right-of-Way (hereinafter referred to as the "Work"):					

Detour Agreements



- Local Agencies must execute a detour agreement with neighboring jurisdictions, for detours shown outside Local Agency limits.

GSPs for Project Temporary Traffic Control

File Name	File Description / Notes
1-10.GR1	Temporary Traffic Control / (Heading)
1-10.4.GR1	Measurement / (Heading)
1-10.4(3).GR1	Reinstating Items with Lump Sum Traffic Control / (Heading)
1-10.4(3).OPT1.FR1	(Project Lump Sum) / Use this to designate that you are using Project Temporary Traffic Control. This comes in with “Work Zone Contingency” already included, delete Work Zone Contingency if not used. Update which items will be reinstated (TMA, UPO, etc.)
1-10.5.GR1	Payment / This is only needed if you are adding bid items that are not included in the Standard Specification.

GSPs for adding Work Zone Contingency

File Name	File Description / Notes
1-10.2.GR1	Traffic Control Management / (Heading), also add 1-10.2.INST1.GR1
1-10.2.OPT1.GR1	Work Zone Contingency Description
1-10.4(3).GR1	Reinstating Items with Lump Sum Traffic Control / (Heading)
1-10.5.GR1	Payment / (Heading)
1-10.5(2).OPT7.GR1	Work Zone Contingency Payment Item

GSPs for adding UPOs

File Name	File Description / Notes
1-10.GR1	Temporary Traffic Control (Heading)
1-10.3.GR1	Traffic Control Labor, Procedures and Devices (Heading), also add 1-10.3.INST1.GR1.
UPO description.docx	Description of UPO, definition, contacts
1-10.4.GR1	Measurement
Next header depends...	Must always use heading 1-10.4(2).GR1 to include the measurement. Also 1-10.4(3).GR1, but only if using LS traffic Control to reinstate the item.
UPO Measurement.docx	Description of measurement
1-10.5.GR1	Payment / (Heading)
1-10.5(2).GR1	Items Bids with Lump Sum for Incidentals (Heading) (all bid items appear here regardless of whether the contract is Standard Item or LS.
UPO Payment.docx	Adds the payment item for the UPO by hour.

QUESTIONS

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