

ATTACHMENT 2: ELEMENTS FOR WHICH MAINTENANCE SERVICES ARE TO BE PROVIDED

ELEMENT CATEGORY		MAINTENANCE TYPES				
		Routine	Preventive	Major	Emergency	Operational Items
1) ROADWAY						
1.1	Obstructions and debris	x				
1.2	Pavement	x	x	x		
1.3	Crossovers and other paved areas	x	x	x		
1.4	Joints in concrete	x	x	x		
1.5	Curbs	x	x	x		
1.6	Maintenance/Access Roads	x	x	x		
2) DRAINAGE						
2.1	Pipes and Channels	x	x	x		
2.2	Drainage treatment devices	x	x	x		
2.3	Travel Way	x	x	x		
2.4	Discharge systems	x	x	x		
2.5	Protected species	x				
3) STRUCTURES						
3.1	Structures having an opening measured along the center of the roadway of more than 20 feet between undercopings of abutments or springlines of arches or extreme ends of openings or multiple boxes	x	x	x		
3.2	Structure components	x	x	x		
3.3	Non-bridge class culverts	x	x	x		
3.4	Gantries and high masts	x	x	x		
3.5	Load ratings	x	x	x		
3.6	Access points	x	x	x		
3.7	Mechanically Stabilized Earth and Retaining Walls	x	x	x		
4) PAVEMENT MARKINGS, OBJECT MARKERS, BARRIER MARKERS AND DELINEATORS						
4.1	Pavement markings	x	x	x		
4.2	Raised reflective markers	x	x	x		
4.3	Delineators & Markers	x	x	x		
5) GUARDRAILS, SAFETY BARRIERS AND IMPACT ATTENUATORS						
5.1	Guard rails and safety barriers	x	x	x		
5.2	Impact attenuators	x	x	x		
6) TRAFFIC SIGNS						
6.1	General – All Signs	x	x	x		
6.2	General - Safety critical signs	x	x	x		

ELEMENT CATEGORY		MAINTENANCE TYPES				
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7) TRAFFIC SIGNALS						
7.1	General	x	x	x		
7.2	Soundness	x	x	x		
7.3	Identification marking	x	x	x		
7.4	Pedestrian Elements and Vehicle Detectors	x	x	x		
8) LIGHTING						
8.1	Roadway Lighting – General	x	x	x		
8.2	Sign Lighting	x	x	x		
8.3	Electrical Supply	x	x	x		
8.4	Access Panels	x	x	x		
8.5	High Mast Lighting	x	x	x		
9) FENCES, SOUND WALLS AND ABATEMENT						
9.1	Design and Location	x	x	x		
9.2	Construction	x	x	x		
10) ROADSIDE MANAGEMENT						
10.1	Vegetated Areas – Except landscaped areas – General	x				
10.2	Landscaped Areas	x				
10.3	Fire Hazards	x				
10.4	Trees, brush and ornamentals	x				
10.5	Wetlands	x				
11) REST AREAS AND PICNIC AREAS (Not Used)						
12) EARTHWORKS, EMBANKMENTS AND CUTTINGS						
12.1	Slope Failure	x	x	x		
12.2	Slopes - General	x	x	x		
13) ITS EQUIPMENT						
13.1	ITS Equipment	x	x	x		
13.2	Dynamic Message Sign Equipment	x	x	x		
13.3	CCTV Equipment	x	x	x		
13.4	Vehicle Detection Equipment	x	x	x		
14) TOLLING Facilities and Buildings (Not Used)						
15) AMENITY						
15.1	Graffiti	x				
16) SNOW AND ICE CONTROL						
16.1	Travel lanes				x	
16.2	Weather Forecasting				x	
16.3	Operational Plans				x	
17) INCIDENT RESPONSE						
17.1	General				x	

ELEMENT CATEGORY		MAINTENANCE TYPES				
		Routine	Preventive	Major	Emergency	Operational Items
17.2	Hazardous Materials				x	
17.3	Structural assessment				x	
17.4	Temporary and permanent remedy				x	
18) CUSTOMER RESPONSE						
18.1	Response to inquiries					x
18.2	Customer contact line					x
19) SWEEPING AND CLEANING						
19.1	Sweeping	x				
19.2	Litter	x				

ATTACHMENT 3: LIMITS FOR MAINTENANCE SERVICES

ATTACHMENT 4: NOT USED

ATTACHMENT 5: NOT USED

ATTACHMENT 6: RESTRICTIONS ON TRAFFIC MANAGEMENT

Lane Closure restrictions for maintenance work will be as follows:

No Lane Closure that restricts or interferes with traffic shall be allowed from noon on the day preceding to 10:00 PM on the day after the following holiday schedule. For this Project, unless otherwise noted in the plans and/or as directed by TxDOT, daily Lane Closures shall be limited according to the following restrictions:

A. General restrictions for mainlanes, ramps, and arterials:

- Easter Holiday Weekend (Friday through Sunday)
- Memorial Day Weekend (Friday through Monday)
- Independence Day (July 3 through noon on July 5)
- Labor Day Weekend (Friday through Monday)
- Thanksgiving Holiday (Wednesday through Sunday)
- Christmas and New Year's Eve Holiday (December 15 through December January 1)
- Spring break week (Saturday through the following Sunday)
- Tax-free shopping weekend (Saturday and Sunday)
- At least one through mainline in each direction shall remain open at all times, unless otherwise approved by TxDOT
- Complete closure of the mainlanes will not be allowed, unless approved by the TxDOT.

B. Arterial crossings:

- At least one through mainline in each direction shall remain open at all times, unless otherwise approved by TxDOT.
- Provide and maintain access to properties and businesses adjacent to the right-of-way at all times unless otherwise directed by the TxDOT.
- No mainlane and arterial road closures may occur at the same time, unless approved by the TxDOT.

C. Ramps:

- No two adjacent ramp closures may occur at the same time.

