Lighting Assessment

			Existing	Ramp	Volumes	Crossro	ad Volumes		Applicablity			
Interchange	Scenario	Area Type	Interchange Lighting Type	Total Entering & Exiting Volume (ADT)	Volumes Meet MDT PIL/CIL Volume Criteria?	Average Daily Volume (ADT)		Night-to-day Crash Ratio	of additional Lighting Warrants	Notes		
Rocker	Current 2006	Urban	PIL	9,616	Yes	4,271	No	0.54		Classified as suburban, almost meets urban		
HOCKEI	Future 2026	Urban		12,020	Yes	5,339	No					
West Butte	Current 2006	Urban	PIL	5,920	No	N/A	N/A	1.45	Yes - Night/Day			
West Bulle	Future 2026	Urban		7,400	No	N/A	N/A		Crash			
Excelsior	Current 2006	Urban	None	2,177	No	3,200	No	N/A		Does not meet PIL traffic warrants		
Excelsion	Future 2026	Urban		2,721	No	4,000	No			Close to meeting suburban criteria for PIL		
Montana Street	Current 2006	Urban	CIL	9,056	No	16,608	Yes	0.5	(2) see notes			
Montana Street	Future 2026	Urban		11,320	Yes	20,760	Yes					
Harrison Avenue	Current 2006	Urban	CIL	13,201	Yes	30,130	Yes	0.29	(2) see notes			
Trainson Avenue	Future 2026	Urban		16,501	Yes	37,663	Yes					
East Butte	Current 2006	Urban	PIL (1)	3,885	No	N/A	N/A	0.27	(2) see notes	(1) Lights on north leg of interhcange only		
	Future 2026	Urban		4,856	No	N/A	N/A					
Continental	Current 2006	Urban	PIL	3,529	No	1,844	No	1.12	Yes - Night/Day			
Continental	Future 2026	Urban		4,411	No	2,305	No		Crash			

PIL - Partial Interchange Lighting CIL - Complete Interchange Lighting 5,000 - urban, 3,000 suburban 10,000 - urban, 8,000 suburban Freeway 25,000 - urban 10,000 - rural 10,000 - urban

NOTES: (1) Chain-up Areas near base of Homestake pass (MP 230) does not have lighting.

(2) Montana, Harrison, & East Butte meet the continuous lighting requirement of 3 or more interchanges, spaced 1.5 miles or less, however the mainline traffic volumes are no where near the required 30,000 ADT.

Table B40 - Signing Inventory

		Regulatory Signs									de Si	gns		Dia	gramm	atic S	igns	Cros	s Rd		М	iscell	aneo	us	-	
Interchange / Segment	Location	Speed Limit	Intersection Control	Advanced Warning	Turn Restrictions	Wrong Way	Do Not Enter	Advisory Speed Warning	Advanced Guide (1-mile)	Advanced Guide 1/2 or 3/4 Mile	Exit Direction	Gore Exit Sign	Next Exit	2-mile	1-mile	1/2-mile	Exit Area	Direction Signage	Route ID	Distance Sign	Route ID/Direction	Weigh Station	Median Warning	Lane Merge	Lane Drop	Notes
	Pre-Interchange EB								x		_									_		-			_	
	Pre-Interchange WB								х	х																overhead exit sign for 2-lane exit
Rocker I/C	EB off-ramp		х	х	х	х	х				х	х														
	WB off-ramp		х	х	х	х	х				х	х														
	Cross Road		х															х	х							
	EB/NB																	х	х							
M-1	WB/SB																			х						
	Pre-Interchange EB														х	х	х									
West Butte I/C	EB off-ramp											х														No advisory or posted speed limit
	WB on-ramp																				х			х	х	No U-turn sign at end of ramp
MO	EB/NB	х																			х					Large Through Traffic Keep Right
M-2	WB/SB	х																			х	х				Multiple Weigh Station/Prepass Signs
Excelsior Ave I/C	EB off-ramp		х	х	х	х	х				х	х												х		No curve advisory speed sign
at I-115	WB off-ramp		х	х	х	х	х			х	х	х												х		No curve advisory speed sign
	Pre-Interchange EB								х	х																
	Pre-Interchange WB									х																
	EB off-ramp		х	х	х	х	х	х			х	х														Advisory speed sign, No U-turn
Montana St. I/C	EB on-ramp																				х					
	WB off-ramp		х	х	х	х	х				х	х														Good use of regulatory signs on shared ramp/frontage road to restrict wrong way movements, some confusion
	WB on-ramp																				х					on overhead signing on signals in NB direction at Rowe Rd.
	Cross Road	х									х							х	х							nu.
M-3	EB/NB	х																			х					
M-5	WB/SB																									
	Pre-Interchange EB									х	х															1/4 Mile Exit Guide Sign
	Pre-Interchange WB									х	х															
	EB off-ramp		х	х	х	х	х				х	х														Overhead Sign
	EB off-ramp (loop)		х	х	х	х	х	х		х	х	х														25-mph advisory loop sign
Harrison Ave. I/C	EB on-ramp																				х		х			
	WB off-ramp		х	х	х	х	х	х			х	х														Tree obstruction on off-ramp sign

		Regulatory Signs							Guide Signs						gramm	atic S	igns	Cros	ss Rd		Ν	iscell	aneou	JS		l i
Interchange / Segment	Location	Speed Limit	Intersection Control	Advanced Warning	Turn Restrictions	Wrong Way	Do Not Enter	Advisory Speed Warning	Advanced Guide (1-mile)	Advanced Guide 1/2 or 3/4 Mile	Exit Direction	Gore Exit Sign	Next Exit	2-mile	1-mile	1/2-mile	Exit Area	Direction Signage	Route ID	Distance Sign	Route ID/Direction	Weigh Station	Median Warning	Lane Merge	Lane Drop	Notes
	WB on-ramp (loop)							х													х					25-mph advisory loop sign
	WB on-ramp																									
	Cross Road	х									х										х					Good use of guide signs on Harrison
M-4	EB/NB																				х					
IVI- 4	WB/SB	х																								
	Pre-Interchange EB														х	х	х									
	Pre-Interchange WB														х		х									2-mile not marked with distance
	Pre-Interchange SB															х	х									
West Butte	EB to I-15 NB ramp											х														
	WB to I-15 NB Ramp											х														
	I-15 SB to EB I-90							х				х														Chevrons on curve
	I-15 SB to WB I-15/90							х																		Chevrons on curve
M-5	EB/NB	х																			х					
W-5	WB/SB	х																								
	Pre-Interchange EB								х		х	х														
	Pre-Interchange WB									х	х	х														
Continental I/C	EB off-ramp		х	х	х	х	х																			
	WB off-ramp		х	х	х	х	х																			
	Cross Road	х	х										х								х					Flashing Beacon at Continental/Mt. Highland
M-6	EB	х																			х					
	WB																				х					

 ${\bf X}$ indicates existence of signs and placement/use meets standards Signs are coded either by relation to the interchange or by being in the interestate segment