

UHCP Rehabilitation Projects - Summary of Prioritization Criteria and Process

Connectors (and strategic non-connectors):

Rehabilitation Project Application

Network Level Prioritization	
Road Condition:	
IRI	25 pts
Rutt	25 pts
Crack	10 pts
Speed Limit	5 pts
TAADT	10 pts
AADT	5 pts
Project Area	5 pts
Proximity to Other Projects	10 pts
Partnership Potential	10 pts
Total	105 pts

Road Condition	Lower Range	Upper Range
IRI for < 70 km/h	3.00 = 0 pts	max in dataset = 25 pts
IRI for 70 - 90 km/h	2.75 = 0 pts	= 25 pts
IRI for > 90 km/h	2.50 = 0 pts	= 25 pts
Rutt for < 70 km/h	15 mm = 0 pts	max in dataset = 25 pts
Rutt for 70 - 90 km/h	12 mm = 0 pts	= 25 pts
Rutt for > 90 km/h	10 mm = 0 pts	= 25 pts
Crack	60 m / 50 m = 0 pts	max in data. = 10 pts

Speed Limit	Points
≤ 50 km/hr	0 pts
≤ 60 km/hr	1 pts
≤ 70 km/hr	2 pts
≤ 80 km/hr	3 pts
≤ 90 km/hr	4 pts
≥ 100 km/hr	5 pts

TAADT	Points
≤ 100 tpd	0 pts
< 200 tpd	1 pts
< 300 tpd	2 pts
< 400 tpd	3 pts
< 500 tpd	4 pts
< 600 tpd	5.5 pts
< 700 tpd	7 pts
< 800 tpd	8.5 pts
≥ 800 tpd	10 pts

AADT	Points
≤ 1,500 vpd	0 pts
< 4,000 vpd	1 pts
< 6,000 vpd	2 pts
< 8,000 vpd	3 pts
< 10,000 vpd	4 pts
≥ 10,000 vpd	5 pts

Project Area	Points
≤ 2,000 m ²	0 pts
≤ 6,000 m ²	1 pts
≤ 10,000 m ²	2 pts
≤ 14,000 m ²	3 pts
≤ 18,000 m ²	4 pts
≤ 18,000 m ²	5 pts

Proximity to Other Projects	Points
project directly connected	10 pts

Partnership Potential	Points
potential of outside funds	10 pts

top ranked projects

Engineer Review (site visit)

Project Level Prioritization
updated info (site visit) used in re-prioritization (same as above)

approval in principal

Bridge Structures:

Rehabilitation Project Application

Network Level Prioritization
MHI Bridge Services evaluation

eligible projects

Project Level Prioritization	
Bridge Condition:	
BCI _{simplified}	60 pts
TAADT	10 pts
AADT	5 pts
Roadway Function	3 pts
Load Capacity	10 pts
Bridge Barrier Upgrade	2 pts
Rehabilitation Treatment	10 pts
Special Conditions	5 pts
Total	105 pts

BCI _{simplified}	Points
< 60	60 pts
60 - 70	50 pts
70 - 75	35 pts
75 - 80	20 pts
80 - 85	10 pts
85 - 90	5 pts
> 90	0 pts

TAADT	Points
≤ 100 tpd	0 pts
< 200 tpd	1 pts
< 300 tpd	2 pts
< 400 tpd	3 pts
< 500 tpd	4 pts
< 600 tpd	5.5 pts
< 700 tpd	7 pts
< 800 tpd	8.5 pts
≥ 800 tpd	10 pts

AADT	Points
≤ 1,500 vpd	0 pts
< 4,000 vpd	1 pts
< 6,000 vpd	2 pts
< 8,000 vpd	3 pts
< 10,000 vpd	4 pts
≥ 10,000 vpd	5 pts

Road Funct th	Points
NHS	3 pts

Rehab Treat.	Points
Major Girders	2 pts
Precast Girders	4 pts
Timber Bridge	6 pts
Mjr Deck & Barrier	7 pts
Precast Substr.	8 pts
Mjr Substructure	10 pts

Special Cond'n	Points
Deck Spalling	
< 2 %	0 pts
≤ 5 %	1 pts
≤ 10 %	2 pts
≤ 15 %	3 pts
≤ 20 %	4 pts
> 20 %	5 pts

Load Capacity	Points
2nd - Primary	5 pts
Primary - Bulk	10 pts

Barrier Upgrade	Points
Barrier Upgrade	2 pts

Upgrades	
Material Upgrades	1 pts
Design Upgrades	1 pts

approval in principal