

# DRAFT I-90 Interchange Study Evaluation Matrix

## DESIGN & OPERATIONS

	Loose Tooth Road/Route 20 (Becket) MP 15.9	Loose Tooth Road/Route 20 (Becket) MP 15.9 Rev2	Werden Road (Becket) MP 18.4	Johnson Road (Becket) MP 19.9	Johnson Road (Becket) MP 19.9 Rev2	Algerie Road (Otis) MP 22.5	Algerie Road (Otis) MP 22.5 Rev2	Blandford Maintenance Facility (Blandford) MP 26.4	Blandford Maintenance Facility (Blandford) MP 26.4 Rev2	Blandford Service Center (Blandford) MP 29.1	Blandford Service Center (Blandford) MP 29.1 Rev2	Route 23 (Russell) MP 31.1
INTERCHANGE TYPE/CONFIGURATION	Partial Cloverleaf	Partial Cloverleaf	Partial Cloverleaf	Diamond	Partial Cloverleaf	Diamond	Diamond	Diamond	Partial Cloverleaf	Diamond	Diamond	Partial Cloverleaf
PROXIMITY TO ADJACENT INTERCHANGES	Int 2: 5.2 Miles Int 3: 24.5 Miles	Int 2: 5.2 Miles Int 3: 24.5 Miles	Int 2: 7.7 Miles Int 3: 22 Miles	Int 2: 9.2 Miles Int 3: 20.5 Miles	Int 2: 9.2 Miles Int 3: 20.5 Miles	Int 2: 11.8 Miles Int 3: 17.9 Miles	Int 2: 11.8 Miles Int 3: 17.9 Miles	Int 2: 15.7 Miles Int 3: 14 Miles	Int 2: 15.7 Miles Int 3: 14 Miles	Int 2: 18.4 Miles Int 3: 11.3 Miles	Int 2: 18.4 Miles Int 3: 11.3 Miles	Int 2: 23.4 Miles Int 3: 6.3 Miles
LOCAL ROAD CONNECTIONS	Minor Arterial	Minor Arterial	Local	Local	Local	Minor Collector	Minor Collector	Local	Local	Major Collector	Major Collector	Minor Arterial
Jurisdiction	State	State	Town	Town	Town	Town	Town	Town	Town	State	State	State
NHS	Yes	Yes	No	No	No	No	No	No	No	No	No	No
Condition	Fair	Fair	Fair	Deficient	Deficient	Fair	Fair	Fair	Fair	Fair	Fair	Good

## ENVIRONMENTAL IMPACTS

	Loose Tooth Road/Route 20 (Becket) MP 15.9	Loose Tooth Road/Route 20 (Becket) MP 15.9 Rev2	Werden Road (Becket) MP 18.4	Johnson Road (Becket) MP 19.9	Johnson Road (Becket) MP 19.9 Rev2	Algerie Road (Otis) MP 22.5	Algerie Road (Otis) MP 22.5 Rev2	Blandford Maintenance Facility (Blandford) MP 26.4	Blandford Maintenance Facility (Blandford) MP 26.4 Rev2	Blandford Service Center (Blandford) MP 29.1	Blandford Service Center (Blandford) MP 29.1 Rev2	Route 23 (Russell) MP 31.1
WETLANDS (SQ. FT.)	10,944	3,435	797	29,351	None	6,999	9,204	None	None	None	None	431
WATER RESOURCES (SQ. FT.)	None	None	None	None	None	None	None	718,029	142,689	58,355	31,730	None
NHESP HABITAT	CVP +/- 600 Ft	CVP +/- 900 Ft	None	None	None	None	None	PVP < 1000 Ft	None	None	None	None
STEEP SLOPES / TOPOGRAPHY (SQ. FT.)	15%-20%: 30,851 > 20%: 56,871	15%-20%: 30,787 > 20%: 112	15%-20%: 83	None	15%-20%: 4,609	None	None	None	None	None	None	15%-20%: 42,258
OPEN SPACE (ARTICLE 97) (SQ. FT.)	None	None	None	4,982	106,669	48,855	685	134,138	None	None	None	None
CULTURAL / RECREATIONAL RESOURCES	None	None	Camp Lenox (600 ft)	None	None	None	None	None	None	Blandford Golf & Tennis Club	Blandford Golf & Tennis Club	None
HAZARDOUS MATERIALS	None	None	None	None	None	None	None	None	None	UST associated with Plaza	UST associated with Plaza	None

## SOCIOECONOMIC EFFECTS

	Loose Tooth Road/Route 20 (Becket) MP 15.9	Loose Tooth Road/Route 20 (Becket) MP 15.9 Rev2	Werden Road (Becket) MP 18.4	Johnson Road (Becket) MP 19.9	Johnson Road (Becket) MP 19.9 Rev2	Algerie Road (Otis) MP 22.5	Algerie Road (Otis) MP 22.5 Rev2	Blandford Maintenance Facility (Blandford) MP 26.4	Blandford Maintenance Facility (Blandford) MP 26.4 Rev2	Blandford Service Center (Blandford) MP 29.1	Blandford Service Center (Blandford) MP 29.1 Rev2	Route 23 (Russell) MP 31.1
NOISE (RESIDENCES 1/4 MILE)	25	24	22	4	4	7	7	26	18	17	15	34
RIGHT-OF-WAY IMPACTS (SQ. FT.)	197,112	127,158	302,828	64,943	78,682	1,880	148,856	165,883	89,936	4,463	18,119	338,821
ENVIRONMENTAL JUSTICE	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No

## FINANCIAL & REGULATORY

	Loose Tooth Road/Route 20 (Becket) MP 15.9	Loose Tooth Road/Route 20 (Becket) MP 15.9 Rev2	Werden Road (Becket) MP 18.4	Johnson Road (Becket) MP 19.9	Johnson Road (Becket) MP 19.9 Rev2	Algerie Road (Otis) MP 22.5	Algerie Road (Otis) MP 22.5 Rev2	Blandford Maintenance Facility (Blandford) MP 26.4	Blandford Maintenance Facility (Blandford) MP 26.4 Rev2	Blandford Service Center (Blandford) MP 29.1	Blandford Service Center (Blandford) MP 29.1 Rev2	Route 23 (Russell) MP 31.1
PROPERTY TAKINGS	9 Parcels	4 Parcels	13 Parcels	4 Parcels	3 Parcels	2 Parcels	3 Parcels	5 Parcels	2 Parcels	2 Parcels	1 Parcel	3 Parcels
CONSTRUCTION COST	\$\$\$	\$\$\$	\$\$\$	\$\$	\$\$	\$	\$	\$\$\$	\$	\$	\$	\$\$\$