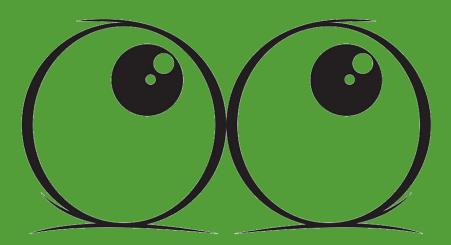
# TTP PROJECT PRIORITIZATION

#### An Innovative Look











### Why you have to have it. . .

- 25 CFR § 170.402 "All Tribes must prepare a TTIP or Tribal priority list."
- 25 CFR § 170.403 "...the fund source and use must be clearly identified on a FHWA-approved TTPTIP."
- 25 CFR § 170.404 "...may be used on eligible projects or activities provided that they are identified on a FHWAapproved TTPTIP."
- 25 CFR § 170.420 "The Tribal priority list is a list of all transportation projects that the Tribe wants funded."



## Why you *should* have it. . .

- 1) A clearly defined priority list assists Tribe's in reducing overprogramming and reflects a clear-cut plan for construction in the coming years.
- 2) Allows Tribal leaders to see just how far down the list their limited dollars would go, and what additional projects could be funded if additional dollars became available.
- 3) Provides data towards evaluating the needs for and benefits of upcoming projects as they compare to each other.





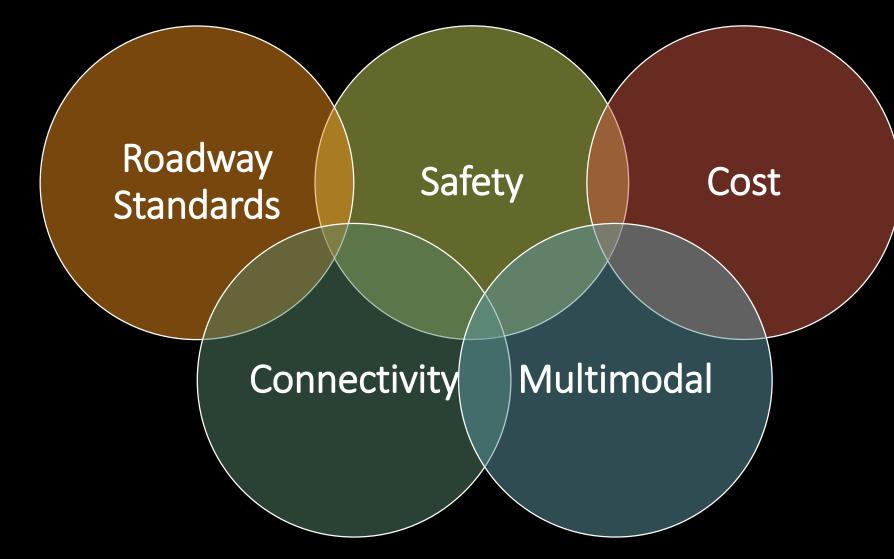
#### It's all about the <u>Data</u>!

 $M(H^{\circ}) = \pi \left(\frac{1}{137}\right)^{\circ} \sqrt{\frac{hc}{G}}$ **3**987<sup>12</sup> + 4365<sup>12</sup> = 4472<sup>12</sup> n(t.)>1 (0)-, (0)-, (2)-, (2)





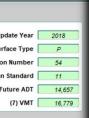
# Factors to consider when assessing your priorities





### Where to find your data

1		TTP F	Routes Needing	g Imp	rover	nent					Surface	Condition Index (SCI) Report	
Route	Section	<b>D</b> 111	0 ( T		Surface	Surface Desc.	D 1 10 17	D.:		<b>A</b>	Surface	condition index (SCI) Report	
Number 5001	Number 10	Road Name KAYAK LAUNCH 1 ACCESS RO	AD Primitive	(ft) 10	Rating	Desc.		Drainage Condition		Route Number	5042 Section Number	30 Road Name CULTURAL CENTER A	ACCESS
5001	10	RATAR LAUNCH TACCESS RU	AD Primiuve	10			Primitive Trail	Unimproved Road		Observation Date	10/31/2018		
5001	20	WILLS WORK ROAD	Primitive	12			Primitive Trail	Unimproved Road		observation Date	10/01/2010		Asphalt
											Asphalt Rating Item	As phalt Rating Description	Rating
5002	20	BEACH ACCESS ROAD	Bituminous < 2"	16	66	Fair	Designed, but Needs Improvement	Occasional Drainage Prob.			1. Longitudinal Cracking Factor	Moderate, Cracks more than 1/4 inch wide	3
5003	10	SIPPS ROAD	Bituminous < 2"	22	62	Fair	Designed, but Needs				2. Transverse Cracking Factor	Slight, Cracks barely visible	4
							Improvement	Prob.			3. Alligator Cracking Factor	Moderate, Cracks more than 1/8 inch wide	3
5004	10	TIDE RUN	Bituminous < 2"	20	68	Fair	Designed, but Needs Improvement	Occasional Drainage Prob.			4. Grade Depression Factor	Moderate, Depression 2 inches or greater	2
5004	20	WATERLINE DRIVE SOUTH	Bituminous < 2"	18	68	Fair	Designed, but Needs				5. Upheaval Factor	Slight, Humps less than 1/2 inch	4
							Improvement	Prob.			6. Rutting Factor	Moderate, Depression 1/2 to 1 inch	3
5004	30	MIZZENMAST DRIVE	Bituminous < 2"	20	68	Fair	Designed, but Needs	accasional Deinagory Data Entry			7. Corrugation Factor	Slight, Few ripples are visible	4
5006	40	ALMA ROAD	Bituminous < 2"	16	80	Good	Fute Code (XXXX-XXX)	5032-010 31a Road/Bridge Name POWWO		01 Area S 🗸 E	Fastern Region	Moderate,Loose aggregate covers < 1/2 road sur	face 3
0000		/Enritorio	Dirdininous +2			0	Agency Code 50	03 Reservation 035 Mashpee Wampanoad		umber 5032	05 Section Number 10	Moderate, Liquid asphalt covers < 1/2 road surface	ce 3
5006	50	UNCLE PERCY'S ROAD	Bituminous < 2"	18	72	Fair	De:				5032-010 🗸 🖉 📴 👸dor	Moderate, Patching significantly deteriorated	2
5007	10	DANIELS ISLAND ROAD	Primitive	10			Roadway Data Paveme	ent Data Traffic Data Remarks Existing RIFDS D	ata Attachments			Asp	halt SCI 62
5007	10	DANIELS ISLAND ROAD	Phillip	10		_	07 State	25 🗸 Massachusetts	32 County	001 V Barnstab	ble County		
							08 Ownership	1 V BIA	33 Congressional Distric	t 09			
							09 Federal Aid Categ	ory 1 🗸 Local Roads (Other)	34 Owner Route Number		RevieWed Direct To Official	Remarks TTAM Data	
							10 Class	5 V Rural Local	35 Drainage Condition	3 V Drainao	Derived or Loaded Data (derived value	s are recalculated only after a Save-to-Process that	t passes validation)
Unect to Offic		marks TTAM Data	dge				11 Terrain	1 V Flat	36 Shoulder Condition 37 Num of Railroad Cros	3 V Exceller	GPRA Rate	Eligible (1) Adj. Rate (2) Road CTC	
		er [999] 10	18 - Bridge Number	[A15]			3 Surface Type	5 V Bituminous > 2"	38 Railroad Crossing Ty		ength [m] 1.7 [\$1000/mi]	Percent [%] [\$1000/mi] [\$1000]	Updat Future Surfac
	te 25 - Ma		19 - Bridge Condition				4 Shoulder Type	3 V Paved Shoulder	39 Right of Way Utility	3 V Both	Incidental \$153. Grade & Drain \$235.		Geo-Political Region N
8 - Ownersh deral Aid Catego		ty And Township	20 - Bridge Lo	ength (ft)	[aaaa] [		Section Length (m	ii) 0.2	40 Right of Way Cost (\$1	000/m	Aggregate \$132.0		Adequate Design St
		I Major Collector	ndition 24 - SCI (20 times the old	PCI value	e) [999] 📄		56 Surface Width (ft)	18	41 Begin Latitude	41.5950	Pavement \$196.0		Futu
11 - Terra	ain 2 - Rollin	q v	25 - Roadbed Condition	4 - Desig	ned, But Nee	eds Imp	7 Shoulder Width (ft	2	42 End Latitude	41.5940	Additional Incident		(
Construction Nee	ed 2 - Cons	truction Need Of Other Ma	intenance				Bridge Number		43 Begin Longitude	-70.4766	GPRA Rate	Eligible (3) Adj. Rate (4) Bridge CTC	
42 Surface T			26 - Level of Maintenance			%	Bridge Condition		44 End Longitude	-70.4751	Length [ft] [\$/ft]	Percent [%] [\$/ft] [\$1000]	Calculation Note
13 - Surface Typ 14 - Shoulder Typ			27 - Snow & Ice Control	5 - Effort	= 5		Bridge Length (ft)	n 5 🗸 Good. No Curbs	45 Atlas Map Number 46 Grade Deficiencies	7 × None > 1	Bridge		CTI complete. No VMT adj. No CT
15 - Length of			28 - Right of Way Status	4 - Statut	ory Row Ob	tained	Level of Maintena		46 Grade Deficiencies	5 v 90-100%		(5) Raw CTC [\$1000] \$929.6	trail. eligible road. rd share-100%.
16 - Sur	face Width	ft) [999] 20	29 - Right of Way				40 7 Snow and Ice Con		48 Num of Curve Deficie		(1) GPRA Base Rate X Eligible Percent	RNDF Share [%] 100.00%	
lder Width (ft) (En	nter 0 for no	ne) [99] 2 Ad	ditional Incidental Percent*		_		Right of Way Statu		49 Num of Stopping Res	trict. 0	(2) Adjusted Road Rate X Length	(6) RNDF CTC [\$1000] \$929.6	
	24 4.07 1	100001 Dava	30 - Additional Incident % for fencing, 9% for landscapin				Bight of Way Widt		50 Safety Study	0 v No Unsa	(3) Bridge Rate X Eligible Percent (4) Adjusted Bridge Rate X Length / 10	00	
	21 - ADT Yea ting ADT [99	3% for tr	% for fencing, 9% for landscapir affic signals, and 3% for utilities		structural c	oncrete,	30 Additional Inciden	tal % landscaping, 9% for structural concrete, 3% for traffic signals and 3% for utilities.	51 Road Category	A V General	(5) Incidental CTC + Grade & Drain CTC Pavement CTC + Addtnl. Incid. CTC	+ Aggregate CTC +	
	Percent Tru		51 - Road Category	A - Gene	ral (Regular)	) Roads	<b>v</b>				(6) Raw CTC X RNDF Share (7) Actual ADT X Section Length X RND		
	Def	ault ADT 50					intry:	Calculated Data:			(1) Actual ADT A Section Length X RND		



o CTI adj. existing non-00%. run=2010.11.



### Safety Data

- Road Safety Audit Locations. Points are given to projects identified in the RSA/Safety Plan.
- Risk Grade. During the RSA/Safety Plan process, each recommended project is given a Risk Grade (A is lowest risk and F is highest risk). Projects with greater risk are assessed more points.



#### Roadway Standards Data

- Roadway Width. Roadways that do not meet minimum width standard receive additional points.
- Surface Condition Index (SCI). Roadways with a "Poor" or "Fair" SCI rating get bonus points.
- Drainage. Points are assigned based on the severity of drainage problems.
- *Roadbed*. The foundation for the stability of a roadway is critical. Primitive, Bladed, or roadbeds needing improvement are assigned extra points.



### **Connectivity Data**

- •*Tribal Lands*. Points are given to projects that improve connectivity between Tribal lands.
- Economic Development/New Housing/New Growth. Projects that provide connections to new qualifying developments receive additional points.
- BIA/Tribal Roads. BIA or Tribally owned roadways get more points than state/local roadways.



### Multimodal Data

For projects that provide pedestrian, bicycle, or trail components, additional points are added.



#### Cost Data

Project Cost. Potential projects are assigned costs of "Low, Medium, and High." High cost projects receive the fewest points with Low cost projects receiving the most.

Construction Impact. Projects that do not involve construction (sign implementation, studies, transit, mapping, etc.) receive bonus points compared to new construction with no bonus points. Maintenance projects got some bonus points based on overall impact.



### Included in TTIP

Projects that are already in the Tribal TIP are given additional points to account for the fact that funding is already dedicated to these projects.



### Scoring the Projects





Component	<b>Evaluation Measures</b>	Score
Safaty	Identified in Road Safety Audit	30%
Safety	Road Safety Audit Risk Grade	30 /0
	Drainage Condition	
Deedway Standarda	Minimum Width Standard	200/
Roadway Standards	Roadbed Condition	20%
	Surface Condition Index	
	Connections to Tribal Lands	
Connectivity	Economic Development/Planned Expansion	15%
	Connection via BIA-owned Roads	
Multimodal	odal Provides Either Pedestrian, Bicycle, or Transit Opportunities	
Cost	Low, Medium, High	20%
COSI	Construction vs. Maintenance	20 /0
	Bonus in TTIP	+10
		100%



	Safety Points	
Identified in Road	Project Identified	10 points
Safety Audit	Project Not Identified	0 points
	Grade A	0 points
	Grade B	5 points
Audit Risk Grade	Grade C	10 points
	Grade D or E	15 points
	Grade F	20 points



Roadway Standards Points					
Minimum Width	Project Increases roadway width to minimum	0 points			
	Project remains below minimum	5 points			
SCI	Project currently has Fair or Poor rating	5 points			
301	Project currently has Good or Excellend Rating	0 points			
Drainago	Drainage problems or unimproved roads	5 points			
Drainage	All other	0 points			
	Primitive, bladed or designed but needs	<b>E</b> pointo			
Roadbed	improvement	5 points			
	All other	0 points			



	Connectivity Points	
<b>Connections to</b>	Yes	5 points
Tribal Lands	No	0 points
Economic Development or	Yes	5 points
Planned Expansion	No	0 points
<b>BIA or Tribal</b>	Yes	5 points
Road	No	0 points



	Multimodal Points	
Provides Pedestrian,	Yes	5 points
Bicycle or Transit Opprotunity	No	0 points

	Cost Points	
	Low Cost	10 points
Project Cost	Medium Cost	5 points
	High Cost	0 points
Construction	Non-Construction Project	10 points
Construction Impact	Maintenance Project	5 points
Πηρασι	New Construction Project	0 points



### Additional factors you may consider

- Public Pushback. . .the "not happy" factor
- Contributing funds available from outside agencies
- Potential severe Maintenance of Traffic issues
- Adverse cultural impacts
- Improves Emergency Response
- What are some more?







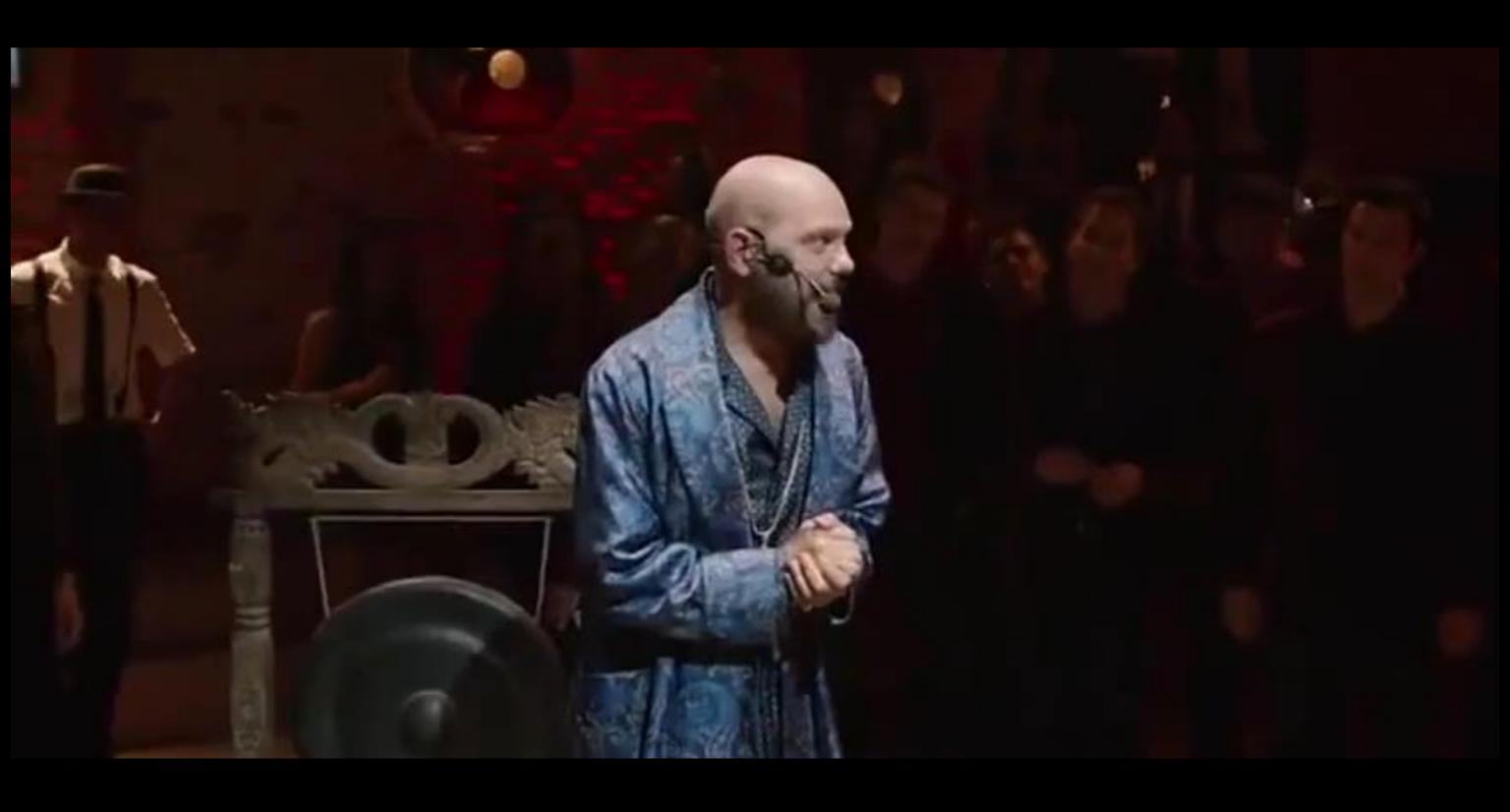
### Task

#### 1) Split up into four groups.

- Given information about four different example routes, 2) score each route and then come up with your project priority list for your TIP.
- 3) Winner pick up your prize!!

### What's the Prize?





### Task

	Safety Points		Score
Identified in Road	Project Identified	10 points	
Safety Audit	Project Not Identified	0 points	
	Grade A	0 points	
	Grade B	5 points	
Audit Risk Grade	Grade C	10 points	
	Grade D or E	15 points	
	Grade F	20 points	
	Roadway Standards Points		
Minimum Width	Project Increases roadway width to minimum	0 points	
	Project remains below minimum	5 points	
SCI	Project currently has Fair or Poor rating	5 points	
	Project currently has Good or Excellend Rating	0 points	
Drainage	Drainage problems or unimproved roads	5 points	
2.0.0090	All other	0 points	
	Primitive, bladed or designed but needs	5 points	
Roadbed	improvement		
	All other	0 points	
	Connectivity Points		
Connections to	Yes	5 points	
Tribal Lands	No	0 points	
Economic	Yes	5 points	
Development or			
Planned	No	0 points	
Expansion			
BIA or Tribal	Yes	5 points	
Road	No	0 points	
	Multimodal Points		
Provides	Yes	5 points	
Pedestrian,	100	o points	
Bicycle or Transit			
Opprotunity	No	0 points	
	Cost Points	10	
	Low Cost	10 points	
Project Cost	Medium Cost	5 points	
	High Cost	0 points	
Construction	Non-Construction Project	10 points	
Impact	Maintenance Project	5 points	
	New Construction Project	0 points	
	Total Points		



#### Route 312 – Old Barnstable Road

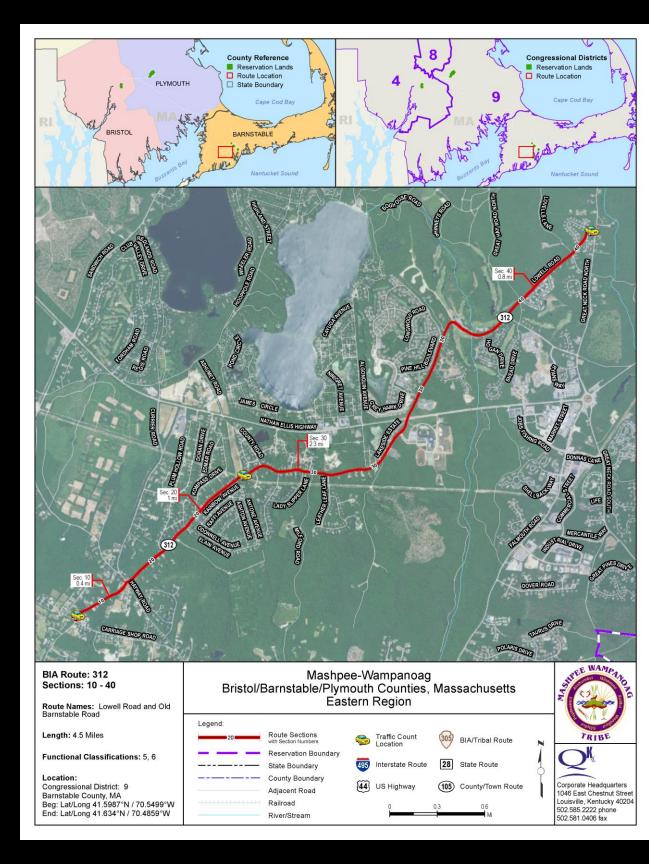
**Project:** Construct Pedestrian/Sidewalk Path and correct geometric deficiencies.

RSA Grade: E

<u>Cost</u>: High







Ţ	P		TTP Inventory	Route	Summary
FIELD	FIELD DESCRIPTION	CODE	CODE DESCRIPTION	FIELD	FIELD DESCRIPTION
	Fiscal Year	2018		39	Right of Way Utility
1-2	Area / Agency	S 50	Eastern Region	40	Right of Way Cost (\$1
3	Reservation	035	Mashpee Wampanoag	41	Begin Latitude
4	Route Number	0312		42	End Latitude
5	Section Number	30	(Update Year)	43	Begin Longitude
Exist. F	RIFDS Status RETUR	NED-TO-	FIELD 2014	44	End Longitude
7	State	25	Massachusetts	45	Atlas Map Number
8	Ownership	5	County and Township	46	Grade Deficiencies
9	Federal Aid Category		Local Roads (Other)	47	Sight Deficiencies
10	Classification	4	Rural Major Collector	48	Num. of Curve Deficie
11	Terrain	2	Rolling	49	Num. of Stopping Res
12	Construction Need	2	Construction Need of Other	50	Safety Study
13	Surface Type	5	Bituminous > 2"	51	Road Category
14	Shoulder Type	3	Paved Shoulder	52	Year of Construction C
15	Length of Section (mi)	2.3		31	Narrative
16	Surface Width (ft)	20			
17	Shoulder Width (ft)	2			
18	Bridge Number				
19	Bridge Condition	· ·			
20	Bridge Length (ft)			55	Field Remark
21	ADT Year	2016	(Projected ADT)		This route section rep
22	Existing ADT	2	,757 4,093		
23	Percent Trucks	7			
24	Surface (SCI)	74	Fair	56	Tribal Coordinator
25	Roadbed Condition	4	Designed, but Needs Improve	57	Inventory Taker
26	Level of Maintenance	4	Optimum - 90-100%		LRTP
27	Snow and Ice Control	5	Effort = 5		Tribal Resolution
28	Right of Way Status	4	Statutory ROW Obtained	1	
29	Right of Way Width (ft)	42			
30	Additional Incidental %			1	4
31a	Road / Bridge Name	OLD B	ARNSTABLE ROAD		Adda and
32	County	001	Barnstable County		all and a second
33	Congressional District	09			
34	Owner Route Number	312	Town of Mashpee	a terra	
35	Drainage Condition	2	Occasional Drainage Prob.	ar said	
36	Shoulder Condition	2	Tolerable	agen .	
37	Number of RR Crossings	0		Photo	Direction
38	RR Crossing Type			Lookir	

ION	CODE	CODE DESCRIPTION
	3	Both
1K/mi)		
	41	.6118
	41	.6260
	-70	.5290
	-70	.4970
	7	None > than Max Allow
	5	90-100% of Sect. Meets Req
	5	30-100 % Of Sect. Meets Rey
encies	0	
encies strict.	0	Unexpected Sharp Curves
	0	

his route section replaces FY 2014 Route 6031 Section 820.

J. STEIDING

QK4, INC.



Photo Date 9/1/2011



#### Route 5035 – Sanitary Access Road

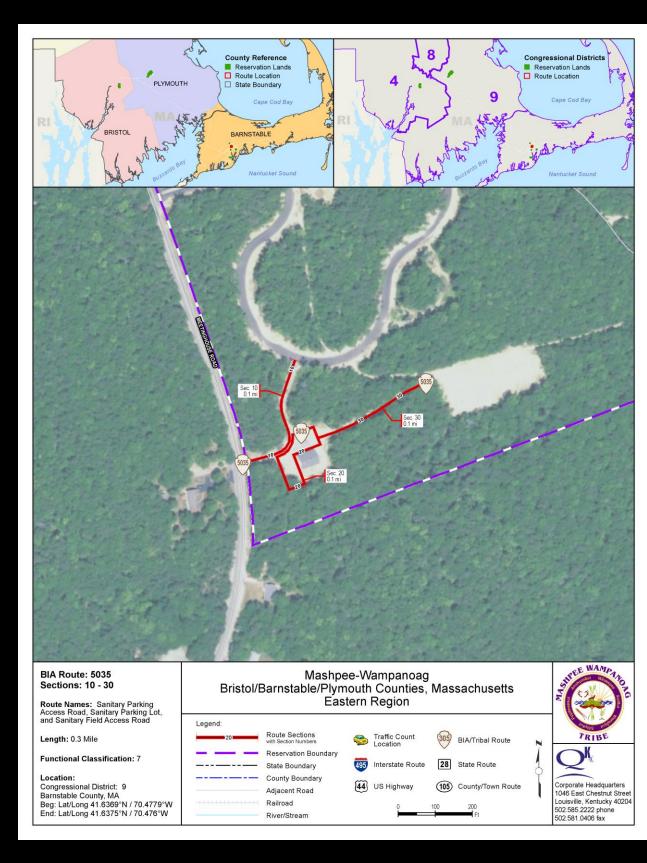
**Project:** Upgrade roadway to paved surface.

RSA Grade: C

Cost: Medium







T	P		TTP Inventory	Route	Summary
FIELD	FIELD DESCRIPTION	CODE	CODE DESCRIPTION	FIELD	FIELD DESCRIPTI
	Fiscal Year	2018		39	Right of Way Utility
1-2	Area / Agency	S 50	Eastern Region	40	Right of Way Cost (\$1
3	Reservation	035	Mashpee Wampanoag	41	Begin Latitude
4	Route Number	5035		42	End Latitude
5	Section Number	10	(Update Year)	43	Begin Longitude
Exist. F	RIFDS Status AT-T	HE-BIA/D	DOT 2017	44	End Longitude
7	State	25	Massachusetts	45	Atlas Map Number
8	Ownership	2	Tribal	46	Grade Deficiencies
9	Federal Aid Category	1	Local Roads (Other)	47	Sight Deficiencies
10	Classification	5	Rural Local	48	Num. of Curve Deficie
11	Terrain	1	Flat	49	Num. of Stopping Res
12	Construction Need	2	Construction Need of Other	50	Safety Study
13	Surface Type	3	Gravel Surface	51	Road Category
14	Shoulder Type			52	Year of Construction (
15	Length of Section (mi)	0.1		31	Narrative
16	Surface Width (ft)	14			
17	Shoulder Width (ft)	0			
18	Bridge Number				
19	Bridge Condition				
20	Bridge Length (ft)			55	Field Remark
21	ADT Year		(Projected ADT)		This route section rep
22	Existing ADT		50 74		
23	Percent Trucks				
24	Surface (SCI)	77	Fair	56	Tribal Coordinator
25	Roadbed Condition	2	Bladed Road	57	Inventory Taker
26	Level of Maintenance	4	Optimum - 90-100%		LRTP
27	Snow and Ice Control	1	Effort = 1 (Slight)		Tribal Resolution
28	Right of Way Status	0	No Easement or Tr	Sec. 1	
29	Right of Way Width (ft)	0			
30	Additional Incidental %				
31a	Road / Bridge Name	SANIT	ARY PARKING ACCESS ROAD		
32	County	001	Barnstable County		7
33	Congressional District	09		See al	
34	Owner Route Number	5035	Mashpee Wampanoag Tribe		
35	Drainage Condition	2	Occasional Drainage Prob.	1 Martin	1100
36	Shoulder Condition	0	No Shoulders	and the second	
37	Number of RR Crossings	0		Photo	Direction
38	RR Crossing Type				ng North

anninary		
IELD DESCRIPTION	CODE	CODE DESCRIPTION
nt of Way Utility	1	Underground Utility
nt of Way Cost (\$1K/mi)		
in Latitude	41	.6369
Latitude	41	.6377
in Longitude	-70	).4779
Longitude	-70	).4774
s Map Number		
de Deficiencies	7	None > than Max Allow
t Deficiencies	5	90-100% of Sect. Meets Req
n. of Curve Deficiencies	1	
n. of Stopping Restrict.	0	
ety Study	0	No Unsafe Conditions
d Category	С	Administrative
r of Construction Chg.	2015	
ative		

is route section replaces FY 2017 Route 6042 Section 10.

J. STEIDING

QK4, INC.



Photo Date 8/30/2016



#### Route 104 – Great Neck Road South

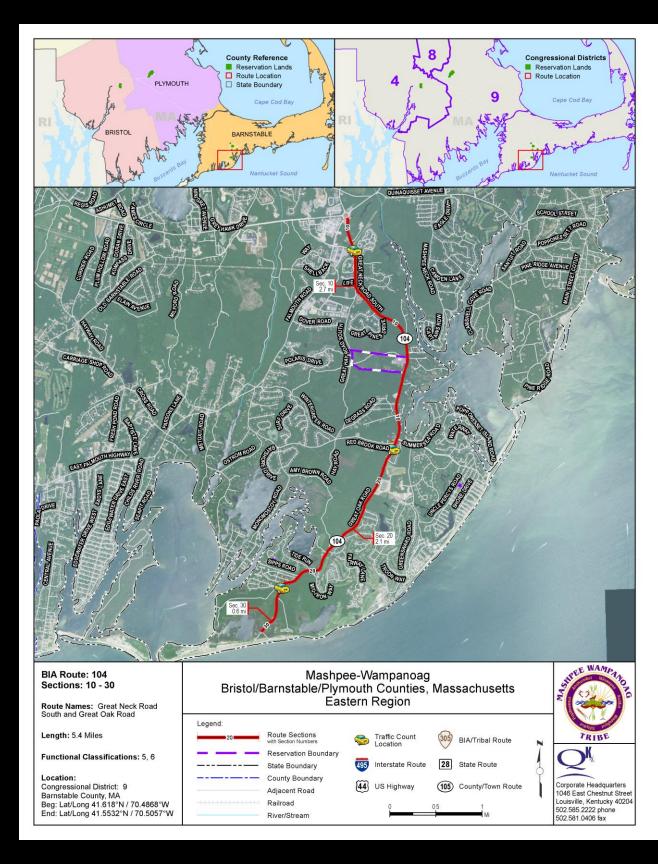
**Project:** Improve sight distance at the Tribal Government Center Entrance.

**RSA Grade**: D

Cost: Medium







T	P		TTP Inventory	Route	Summary
FIELD	FIELD DESCRIPTION Fiscal Year	<b>CODE</b> 2018	CODE DESCRIPTION	FIELD 39	FIELD DESCRIPTIC Right of Way Utility
1-2	Area / Agency	S 50	Eastern Region	40	Right of Way Cost (\$1)
3	Reservation	035	Mashpee Wampanoag	41	Begin Latitude
4	Route Number	0104		42	End Latitude
5	Section Number	10	(Update Year)	43	Begin Longitude
Exist. F	RIFDS Status RETUR	NED-TO-	FIELD 2015	44	End Longitude
7	State	25	Massachusetts	45	Atlas Map Number
8	Ownership	5	County and Township	46	Grade Deficiencies
9	Federal Aid Category	1	Local Roads (Other)	47	Sight Deficiencies
10	Classification	4	Rural Major Collector	48	Num. of Curve Deficier
11	Terrain	2	Rolling	49	Num. of Stopping Rest
12	Construction Need	2	Construction Need of Other	50	Safety Study
13	Surface Type	5	Bituminous > 2"	51	Road Category
14	Shoulder Type	3	Paved Shoulder	52	Year of Construction C
15	Length of Section (mi)	2.7		31	Narrative
16	Surface Width (ft)	24			
17	Shoulder Width (ft)	6			
18	Bridge Number				
19	Bridge Condition			-	
20	Bridge Length (ft)			55	Field Remark
21	ADT Year	2015	(Projected ADT)		This route section rep
22	Existing ADT	10	),514 15,613		
23	Percent Trucks	7			
24	Surface (SCI)	80	Good	56	Tribal Coordinator
25	Roadbed Condition	4	Designed, but Needs Improve	57	Inventory Taker
26	Level of Maintenance	4	Optimum - 90-100%		LRTP
27	Snow and Ice Control	5	Effort = 5		Tribal Resolution
28	Right of Way Status	4	Statutory ROW Obtained	Press.	State State State State
29	Right of Way Width (ft)	50			S. Seller
30	Additional Incidental %				
31a	Road / Bridge Name	GREAT	NECK ROAD SOUTH		
32	County	001	Barnstable County		and the
33	Congressional District	09			
34	Owner Route Number	104	Town of Mashpee		
35	Drainage Condition	2	Occasional Drainage Prob.		
36	Shoulder Condition	2	Tolerable		
37	Number of RR Crossings	0		Photo	Direction
38	RR Crossing Type				ng Southeast



ION	CODE	CODE DESCRIPTION	
	3	Both	
1K/mi)			
	41	.6180	
	41	.5827	
	-70	.4868	
	-70	.4772	
	7	None > than Max Allow	
	5	90-100% of Sect. Meets Req	
encies	5 0	90-100% of Sect. Meets Req	
		90-100% of Sect. Meets Req	
encies strict.	0	90-100% of Sect. Meets Req No Unsafe Conditions	
	0		

This route section replaces FY 2015 Route 6005 Section 820.

J. STEIDING

QK4, INC.

Photo Date 7/1/2014



#### Route 5039 – Horse Farm Access Road

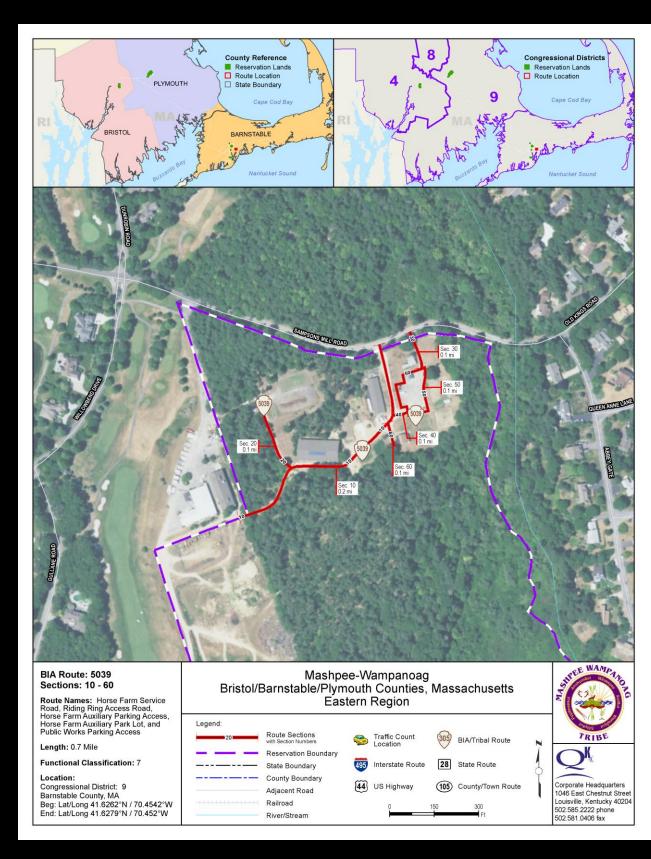
**Project:** Upgrade paved road to paved surface and improve drainage.

**<u>RSA Grade</u>**: Not Identified

Cost: High







FIELD	FIELD DESCRIPTION	CODE	CODE DESCRIPTION	FIELD	FIELD DESCRIPTION
	Fiscal Year	2018		39	Right of Way Utility
1-2	Area / Agency	S 50	Eastern Region	40	Right of Way Cost (\$1
3	Reservation	035	Mashpee Wampanoag	41	Begin Latitude
4	Route Number	5039		42	End Latitude
5	Section Number	10	(Update Year)	43	Begin Longitude
Exist. F	RIFDS Status AT-T	HE-BIA/D	OT 2017	44	End Longitude
7	State	25	Massachusetts	45	Atlas Map Number
8	Ownership	2	Tribal	46	Grade Deficiencies
9	Federal Aid Category	1	Local Roads (Other)	47	Sight Deficiencies
10	Classification	5	Rural Local	48	Num. of Curve Deficie
11	Terrain	2	Rolling	49	Num. of Stopping Res
12	Construction Need	2	Construction Need of Other	50	Safety Study
13	Surface Type	3	Gravel Surface	51	Road Category
14	Shoulder Type			52	Year of Construction C
15	Length of Section (mi)	0.2		31	Narrative
16	Surface Width (ft)	14			
17	Shoulder Width (ft)	0			
18	Bridge Number				
19	Bridge Condition				
20	Bridge Length (ft)			55	Field Remark
21	ADT Year		(Projected ADT)		This route section rep
22	Existing ADT		50 74		
23	Percent Trucks	-			
24	Surface (SCI)	47	Poor	56	Tribal Coordinator
25	Roadbed Condition	2	Bladed Road	57	Inventory Taker
26	Level of Maintenance	1	Little - 0-9%		LRTP
27	Snow and Ice Control	2	Effort = 2		Tribal Resolution
28	Right of Way Status	0	No Easement or Tr		The first state of the state of
29	Right of Way Width (ft)	0			Market State
30	Additional Incidental %			Ш	
31a	Road / Bridge Name	HORSE	FARM SERVICE ROAD	. LAND	
32	County	001	Barnstable County		
33	Congressional District	09			
34	Owner Route Number	5039	Mashpee Wampanoag Tribe	Search .	
35	Drainage Condition	1	Severe Drainage Problems		377 5
36	Shoulder Condition	0	No Shoulders		7-200
37	Number of RR Crossings	0		Dhoto	Direction
38	RR Crossing Type				ng North



ection lorth

ION	CODE	CODE DESCRIPTION
	3	Both
1K/mi)		
	41	.6262
	41	.6278
	-70	).4542
	-70	).4524
	7	
	7	None > than Max Allow
	5	None > than Max Allow 90-100% of Sect. Meets Req
encies		
	5	
encies strict.	5 0	
	5 0 0	90-100% of Sect. Meets Req

his route section replaces FY 2017 Route 1 Section 10.

J. STEIDING

QK4, INC.

Photo Date 12/15/2015





## Thank you for your time!!

Matthew T. Riddell 4. Director of Native American Services mriddell@qk4.com (502) 585-2222

