Northern Tier Regional Planning and Development Commission





2019 – 2022 Transportation Improvement Program (TIP) and Air Quality Conformity Report for Wyoming County

Public Review and Comment Draft Document June 4, 2018 to July 3, 2018

PLEASE DO NOT REMOVE





Wyo	ming								
0137									
MPMS	#: 10137		Mu	nicipality:Nic	cholson (Twp)			
Tit		5 over Fiel	dbrook	Route:10	15	·	Section:770	A/Q	Status:Exempt
	Creek								
Improvement Typ				mpt Code:Wi	den narw. pav	ve. or recon	brdgs (No add	Itl lanes)	
Est. Let Da Geographic Limi				Let Date:	Poute 1015 (E	ield Brook I	Pond)		
			on on State Ro	-				in Wyoming	County
		Ciluointuut	on on State Ro		m Years (\$000)			ip, ii joining	
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	PE	185	\$ 0	\$ 0	\$ 350	\$ 0	\$ 0	\$ 0	
	FD	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 300	\$ 0	
	CON	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,150	\$ 0	
			\$ 0	\$ 0	\$ 350	\$ 0	\$ 1,450	\$ 0	
			Total FY 2019	-2022 Cost \$ 3	350		,		
MPMS Tit		nnock Cree	ek	nicipality:Cli Route:20	12		Section:772		Status: Exempt
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2012 Tunkha pe:Bridge 1 te:10/22/20 ts:Wyomin re:Bridge 1	nnock Cree Rehabilitat 020 ng County, rehabilitati	ek ion Exe Actua <u>, Clinton Town</u> on on State Ro	Route:202 mpt Code:Wi I Let Date: ship, State Rou	12 den narw. pav ite 2012 (Lith	ve. or recon	brdgs (No add bad)	tt lanes)	-
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2012 Tunkha pe:Bridge 1 te:10/22/20 ts:Wyomin re:Bridge 1	nnock Cree Rehabilitat 020 ng County, rehabilitati	ek ion Exe Actua , Clinton Town:	Route:202 mpt Code:Wi I Let Date: ship, State Rou ute 2012 (Lithi	12 den narw. pav ite 2012 (Lith	ve. or recon tia Valley Ro d) over Brar	brdgs (No add bad)	tt lanes)	status:Exempt
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2012 Tunkha pe:Bridge 1 te:10/22/20 ts:Wyomin re:Bridge 1	nnock Cree Rehabilitat 020 ng County, rehabilitati	ek ion Exe Actua <u>, Clinton Town</u> on on State Ro	Route:202 mpt Code:Wi I Let Date: ship, State Rou ute 2012 (Lithi	12 den narw. pav ite 2012 (Lith ia Valley Roa	ve. or recon tia Valley Ro d) over Brar	brdgs (No add bad)	tl lanes)	-
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2012 Tunkha pe:Bridge I te:10/22/2 ts:Wyomin /e:Bridge Townsh	nnock Cree Rehabilitat 020 ng County, rehabilitati nip, Wyom	ek ion Exe Actua , Clinton Town: on on State Ro ing County.	Route:202 mpt Code:Wi I Let Date: ship, State Rou ate 2012 (Lithi TIP Progra	12 den narw. pav nte 2012 (Lith ia Valley Roa m Years (\$000)	ve. or recon ia Valley Ro d) over Brar	brdgs (No add bad) ich of Tunkha	ltl lanes) nnock Creek	in Clinton
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2012 Tunkha: pe:Bridge I te:10/22/20 ts:Wyomin re:Bridge I Townsh Phase	nnock Cree Rehabilitat 020 ng County, rehabilitati nip, Wyom Fund	ek ion Exe Actua <u>Clinton Towns</u> on on State Rov ing County. 2019	Route:202 mpt Code:Wi I Let Date: ship, State Rou ate 2012 (Lith) TIP Progra 2020	12 den narw. pav ite 2012 (Lith ia Valley Roa m Years (\$000) 2021	ve. or recond tia Valley Ro d) over Brar 2022	brdgs (No add bad) uch of Tunkha 2nd 4 Years	ltl lanes) nnock Creek 3rd 4 Years	in Clinton
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2012 Tunkha pe:Bridge I te:10/22/2 ts:Wyomin /e:Bridge I Townsh Phase FD	nnock Cree Rehabilitat 020 ng County, rehabilitati iip, Wyom Fund BOF	ek ion Exe Actua <u>Clinton Towns</u> on on State Rov ing County. 2019 \$ 260	Route:202 mpt Code:Wi I Let Date: ship, State Rou ate 2012 (Lithi TIP Progra 2020 \$ 0	12 den narw. pav nte 2012 (Lith ia Valley Roa m Years (\$000) 2021 \$ 0	ve. or recond tia Valley Ro d) over Brar 2022 \$ 0	brdgs (No add bad) Ich of Tunkha 2nd 4 Years \$ 0	ltl lanes) nnock Creek 3rd 4 Years \$ 0	in Clinton
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2012 Tunkha pe:Bridge I te:10/22/2/ ts:Wyomin re:Bridge F Townsh Phase FD FD	nnock Cree Rehabilitat 020 ng County, rehabilitati nip, Wyom Fund BOF 185	ek ion Exe Actua Clinton Towns on on State Rov ing County. 2019 \$ 260 \$ 40	Route:202 mpt Code:Wi I Let Date: ship, State Rou ate 2012 (Lithi TIP Progra 2020 \$ 0 \$ 0 \$ 0	12 den narw. pav ite 2012 (Lith ia Valley Roa im Years (\$000) 2021 \$ 0 \$ 0 \$ 0	ve. or recon tia Valley Ro d) over Brar 2022 \$ 0 \$ 0 \$ 0	brdgs (No add bad) uch of Tunkha 2nd 4 Years \$ 0 \$ 0	Itl lanes) nnock Creek 3rd 4 Years \$ 0 \$ 0	in Clinton
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2012 Tunkha: pe:Bridge I te:10/22/20 ts:Wyomin /e:Bridge I Townsh Phase FD FD FD CON	nnock Cree Rehabilitat 020 rehabilitati nip, Wyom Fund BOF 185 BOF	ek ion Exe Actua <u>Clinton Towns</u> on on State Rov ing County. 2019 \$ 260 \$ 40 \$ 40 \$ 0	Route:202 mpt Code:Wi Let Date: ship, State Rou ate 2012 (Lith) TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	12 den narw. pav ite 2012 (Lith ia Valley Roa m Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 640	ve. or recond tia Valley Ro d) over Brar 2022 \$ 0 \$ 0 \$ 0 \$ 0	brdgs (No add bad) ach of Tunkha 2nd 4 Years \$ 0 \$ 0 \$ 0 \$ 0	ltl lanes) nnock Creek 3rd 4 Years \$ 0 \$ 0 \$ 0	in Clinton
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2012 Tunkha: pe:Bridge I te:10/22/20 ts:Wyomin /e:Bridge I Townsh Phase FD FD FD CON	nnock Cree Rehabilitat 020 rehabilitati nip, Wyom Fund BOF 185 BOF 185	ek ion Exe Actua <u>Clinton Towns</u> on on State Rov ing County. 2019 \$ 260 \$ 40 \$ 40 \$ 0 \$ 0	Route:202 mpt Code:Wi I Let Date: ship, State Rou ate 2012 (Lith) TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	12 den narw. pay ite 2012 (Lith ia Valley Roa m Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 640 \$ 160 \$ 800	ve. or recon tia Valley Ro d) over Brar 2022 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	brdgs (No add bad) ich of Tunkha 2nd 4 Years \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	Itl lanes) nnock Creek 3rd 4 Years \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	in Clinton
Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2012 Tunkha: pe:Bridge I te:10/22/20 ts:Wyomin /e:Bridge I Townsh Phase FD FD FD CON	nnock Cree Rehabilitat 020 rehabilitati nip, Wyom Fund BOF 185 BOF 185	ek ion Exe Actua <u>Clinton Towns</u> on on State Rov ing County. 2019 \$ 260 \$ 40 \$ 40 \$ 0 \$ 0 \$ 0 \$ 300	Route:202 mpt Code:Wi I Let Date: ship, State Rou ate 2012 (Lith) TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	12 den narw. pay ite 2012 (Lith ia Valley Roa m Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 640 \$ 160 \$ 800	ve. or recon tia Valley Ro d) over Brar 2022 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	brdgs (No add bad) ich of Tunkha 2nd 4 Years \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	Itl lanes) nnock Creek 3rd 4 Years \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	in Clinton

FFY 2019	Northern Tie	r TIP	Highway &	Bridge					Drat
								Current Date	: 5/21/18
	Wyoming								
L0139									
_	MPMS #:10139				eshoppen (Bo				
	Title:SR 267 Creek	over Mesh	oppen	Route:26		2	Section:770	A/Q	Status:Exempt
Improvem	ent Type:Bridge	Renlaceme	nt Exe	mnt Code•W	iden narw. pav	ve or recond	brdgs (No add	Itl lanes)	
-	Let Date:10/10/2	-		l Let Date:	raen narw. pa		01455 (110 444	tti iunes)	
	ic Limits:Wyomi				Route 267 (M	ain Street)			
				-			reek in Mesho	oppen Borougl	n, Wyoming Coun
				TIP Progr	am Years (\$000)				
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	PE	581	\$ 350	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
	FD	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 300	\$ 0	
	CON	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,500	\$ 0	
			\$ 350	\$ 0	\$ 0	\$ 0	\$ 2,800	\$ 0	
			Total FY 2019						
			10tar r 1 201)	-2022 COSt \$	000				
0162									
]	MPMS #:10162			inicipality:Ea	· · ·				
	Title:SR 300	-	ar	Route:30	03	S	Section:D01	A/Q	Status:Exempt
T	Hollow		F	and Cala W		1	.	141 1)	
-	ent Type:Replace Let Date:10/01/2			mpt Code: w l Let Date:	iden narw. pav	ve. or recon t	brags (No add	iti lanes)	
	ic Limits:Wyomi				te 3003 (Sugar	· Hollow Roa	(br		
	arrative: Bridge			-			-	ar Hollow Cre	ek in Eaton
	-		ing County.		(
				TIP Progr	am Years (\$000)				
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	PE	581	\$ 0	\$ 0	\$ 0	\$ 75	\$ 0	\$ 0	
	CON	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,000	
			\$ 0	\$ 0	\$ 0	\$ 75	\$ 0	\$ 2,000	
			Total FY 2019				• -	. ,	
				COSC Ø					

			Highway &	Bridge					Dra
								Current Date	: 5/21/18
Wyoi	ming								
10174					11 (T	、 、			
	#:10174			inicipality:Ni	cholson (Iwp				54 - 4 F 4
I III Improvement Typ	le:SR 92 o			Route:92 mpt Code:Wi	iden norry nor		Section:772		Status:Exempt
Est. Let Dat	-			l Let Date:	iuch naiw. pa		orugs (ivo aud	u lancs)	
Geographic Limit					Route 92				
• •				1		nroe Creek i	in Nicholson 7	Township, Wy	oming County.
			1		am Years (\$000)				
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	CON	581	\$ 0	\$ 0	\$ 1,500	\$ 0	\$ 0	\$ O	
			\$ 0	\$ 0	\$ 1,500	\$ 0	\$ 0	\$ 0	
			Total FY 2 019	-2022 Cost \$	1.500				
					-,				
10181									
	#: 10181		Mi	inicipality:Ni	cholson (Twn)			
					choison (1 wp	·			-
	le:SR 92 o		Brook	Route:92	· ·	Ś	Section:751	-	Status:Exempt
Improvement Typ	e:Bridge I	Replaceme	Brook nt Exe	Route:92 mpt Code:Wi	· ·	Ś		-	Status:Exempt
Improvement Typ Est. Let Dat	be: Bridge H te: 10/08/20	Replaceme 026	Brook nt Exe Actua	Route:92 mpt Code:Wi l Let Date:	iden narw. pav	Ś		-	Status:Exempt
Improvement Typ Est. Let Dat Geographic Limit	be:Bridge F te:10/08/20 ts:Wyomir	Replaceme 026 1g County	Brook nt Exe Actua Nicholson Tov	Route:92 mpt Code:Wi I Let Date: wnship, State I	iden narw. pav Route 92	ve. or recon	brdgs (No add	tl lanes)	Status:Exempt
Improvement Typ Est. Let Dat Geographic Limit	be:Bridge F te:10/08/20 ts:Wyomir	Replaceme 026 1g County	Brook nt Exe Actua	Route:92 mpt Code:Wi l Let Date: wnship, State I te 92 over Fiel	iden narw. pav Route 92 Id Brook in N	ve. or recon l	brdgs (No add	tl lanes)	Status:Exempt
Improvement Typ Est. Let Dat Geographic Limit	be:Bridge F te:10/08/20 ts:Wyomir	Replaceme 026 1g County	Brook nt Exe Actua Nicholson Tov	Route:92 mpt Code:Wi l Let Date: wnship, State I te 92 over Fiel	iden narw. pav Route 92	ve. or recon l	brdgs (No add	tl lanes)	Status:Exempt
Improvement Typ Est. Let Dat Geographic Limit	oe:Bridge F te:10/08/20 ts:Wyomir ve:Bridge r	Replaceme 026 ng County replaceme	Brook nt Exe Actua Nicholson Tov nt on State Rou	Route:92 mpt Code:Wi I Let Date: wnship, State I te 92 over Fiel TIP Progra	iden narw. pav Route 92 Id Brook in N am Years (\$000)	ve. or recon	brdgs (No add wnship, Wyon	tl lanes)	Status:Exempt
Improvement Typ Est. Let Dat Geographic Limit	De:Bridge F te:10/08/20 ts:Wyomir ve:Bridge r Phase PE	Replaceme 026 ng County replacemen Fund 581	Brook nt Exe Actua Nicholson Tov nt on State Rou 2019 \$ 0	Route:92 mpt Code:Wi I Let Date: wnship, State I te 92 over Fiel TIP Progra 2020 \$ 0	iden narw. pav Route 92 Id Brook in N am Years (\$000) 2021 \$ 0	ve. or recon l icholson Tov 2022 \$ 75	brdgs (No add wnship, Wyon 2nd 4 Years \$ 0	tl lanes) ning County. 3rd 4 Years \$ 0	Status:Exempt
Improvement Typ Est. Let Dat Geographic Limit	be:Bridge F te:10/08/20 ts:Wyomir /e:Bridge r Phase	Replaceme 026 ng County replacemen Fund	Brook nt Exe Actua Nicholson Tou t on State Rou 2019 \$ 0 \$ 0	Route:92 mpt Code:Wi I Let Date: wnship, State I te 92 over Fiel TIP Progra 2020 \$ 0 \$ 0 \$ 0	iden narw. pav Route 92 Id Brook in N am Years (\$000) 2021 \$ 0 \$ 0	s ve. or recon l icholson Tov 2022 \$ 75 \$ 0	brdgs (No add wnship, Wyon 2nd 4 Years \$ 0 \$ 0	tl lanes) ning County. 3rd 4 Years \$ 0 \$ 2,000	Status:Exempt
Improvement Typ Est. Let Dat Geographic Limit	De:Bridge F te:10/08/20 ts:Wyomir ve:Bridge r Phase PE	Replaceme 026 ng County replacemen Fund 581 581	Brook nt Exe Actua Nicholson Tov nt on State Rou 2019 \$ 0 \$ 0 \$ 0 \$ 0	Route:92 mpt Code:Wi I Let Date: wnship, State I te 92 over Fiel TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0	iden narw. pav Route 92 Id Brook in N am Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 0	ve. or recon l icholson Tov 2022 \$ 75	brdgs (No add wnship, Wyon 2nd 4 Years \$ 0	tl lanes) ning County. 3rd 4 Years \$ 0	Status:Exempt
Improvement Typ Est. Let Dat Geographic Limit	De:Bridge F te:10/08/20 ts:Wyomir ve:Bridge r Phase PE	Replaceme 026 ng County replacemen Fund 581 581	Brook nt Exe Actua Nicholson Tou t on State Rou 2019 \$ 0 \$ 0	Route:92 mpt Code:Wi I Let Date: wnship, State I te 92 over Fiel TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0	iden narw. pav Route 92 Id Brook in N am Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 0	s ve. or recon l icholson Tov 2022 \$ 75 \$ 0	brdgs (No add wnship, Wyon 2nd 4 Years \$ 0 \$ 0	tl lanes) ning County. 3rd 4 Years \$ 0 \$ 2,000	Status:Exempt
Improvement Typ Est. Let Dat Geographic Limit	De:Bridge F te:10/08/20 ts:Wyomir ve:Bridge r Phase PE	Replaceme 026 ng County replacemen Fund 581 581	Brook nt Exe Actua Nicholson Tov nt on State Rou 2019 \$ 0 \$ 0 \$ 0 \$ 0	Route:92 mpt Code:Wi I Let Date: wnship, State I te 92 over Fiel TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0	iden narw. pav Route 92 Id Brook in N am Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 0	s ve. or recon l icholson Tov 2022 \$ 75 \$ 0	brdgs (No add wnship, Wyon 2nd 4 Years \$ 0 \$ 0	tl lanes) ning County. 3rd 4 Years \$ 0 \$ 2,000	Status:Exempt

N/170								Current Date	
	ming								
.0192 MPMS	#:10192		Ма	inicipality:No	ven (Twn)				
		2 over Bow		Route:30		5	Section:750	A/O \$	Status:Exempt
	Creek			10000000	-	~			•••••••
Improvement Ty	pe:Bridge	Rehabilitati	on Exe	mpt Code:Wi	den narw. pav	ve. or recon	brdgs (No add	ltl lanes)	
Est. Let Da				l Let Date:					
Geographic Limi				-					
Narrati	ve:Bridge	rehabilitatio	on on State Ro			Bowmans C	Creek in Noxe	n Township, W	Vyoming County
				-	1 Years (\$000)				
	Phase	Fund	2019 © 2.10	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	FD	BOF	\$ 240	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
	FD	185	\$ 60	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
	CON	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,750	\$ 0	
			\$ 300	\$ 0	\$ 0	\$ 0	\$ 1,750	\$ 0	
]	Total FY 2019	-2022 Cost \$	300				
0222									
0222									
MPMS	#.10222		Mi	unicinality•Cli	nton (Twn)				
	5 #:10222 t le: SR 6 ov	ver Branch o		inicipality:Cli Route:6	nton (Twp)	S	Section:751	A/Q S	Status:Exempt
	t le: SR 6 ov	ver Branch o nnock Cree	of		nton (Twp)	S	Section:751	A/Q S	Status:Exempt
Tit	t le: SR 6 ov Tunkha	nnock Cree	of k						Status:Exempt
Tit	t le: SR 6 ov Tunkha pe:Bridge	nnock Cree Replacemer	of k nt Exe	Route:6					Status:Exempt
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge tte:10/01/2 its:Wyomi	nnock Cree Replacemei 026 ng County,	of k nt Exe Actua Clinton Towns	Route:6 mpt Code:Wi I Let Date: ship, State Rou	den narw. pav ite 6	ve. or recon	brdgs (No add	ltl lanes)	
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge tte:10/01/2 its:Wyomi	nnock Cree Replacemei 026 ng County,	of k nt Exe Actua	Route:6 mpt Code:Wi l Let Date: ship, State Rou te 6 over Bran	den narw. pav ite 6 ch of Tunkha	ve. or recon	brdgs (No add	ltl lanes)	
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge ite:10/01/2 its:Wyomi ve:Bridge	nnock Cree Replacemen 026 ng County, replacemen	of k nt Exe Actua Clinton Towns t on State Rou	Route:6 mpt Code:Wi l Let Date: ship, State Rou te 6 over Bran TIP Progra	den narw. pav ute 6 ch of Tunkha um Years (\$000)	ve. or recon l	brdgs (No add	ltl lanes) ownship, Wyor	
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge 3 ite:10/01/2 its:Wyomi ve:Bridge Phase	nnock Cree Replacemen 026 ng County, replacemen Fund	of k nt Exe Actua Clinton Towns t on State Rou 2019	Route:6 mpt Code:Wi l Let Date: ship, State Rou te 6 over Bran TIP Progra 2020	den narw. pav ite 6 ch of Tunkha im Years (\$000) 2021	nnock Creek	brdgs (No add in Clinton To 2nd 4 Years	ownship, Wyor 3rd 4 Years	
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge 1 ite:10/01/2 its:Wyomi ve:Bridge Phase PE	nnock Cree Replacemen 026 ng County, replacemen Fund NHPP	of k nt Exe <u>Actua</u> <u>Clinton Towns</u> t on State Rou 2019 \$ 0	Route:6 mpt Code: Wi I Let Date: ship, State Rou te 6 over Bran TIP Progra 2020 \$ 0	den narw. pav <u>ate 6</u> <u>ch of Tunkhar</u> im Years (\$000) 2021 \$ 0	ve. or recon b nnock Creek 2022 \$ 350	brdgs (No add <u>in Clinton To</u> 2nd 4 Years \$ 0	ltl lanes) ownship, Wyor 3rd 4 Years \$ 0	
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge ite:10/01/2 its:Wyomi ve:Bridge Phase PE FD	nnock Cree Replacemen 026 ng County, replacemen Fund NHPP NHPP	of k nt Exe Actua Clinton Towns t on State Rou 2019 \$ 0 \$ 0	Route:6 mpt Code: Wi I Let Date: ship, State Rou te 6 over Bran TIP Progra 2020 \$ 0 \$ 0 \$ 0	den narw. pay <u>ite 6</u> <u>ch of Tunkha</u> im Years (\$000) 2021 \$ 0 \$ 0 \$ 0	ve. or recon b nnock Creek 2022 \$ 350 \$ 0	brdgs (No add <u>in Clinton To</u> 2nd 4 Years \$ 0 \$ 350	ownship, Wyor 3rd 4 Years \$ 0 \$ 0	
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge 1 ite:10/01/2 its:Wyomi ve:Bridge Phase PE	nnock Cree Replacemen 026 ng County, replacemen Fund NHPP	of k nt Exe <u>Actua</u> <u>Clinton Towns</u> t on State Rou 2019 \$ 0	Route:6 mpt Code: Wi I Let Date: ship, State Rou te 6 over Bran TIP Progra 2020 \$ 0	den narw. pav <u>ate 6</u> <u>ch of Tunkhar</u> im Years (\$000) 2021 \$ 0	ve. or recon b nnock Creek 2022 \$ 350	brdgs (No add <u>in Clinton To</u> 2nd 4 Years \$ 0	ltl lanes) ownship, Wyor 3rd 4 Years \$ 0	
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge ite:10/01/2 its:Wyomi ve:Bridge Phase PE FD	nnock Cree Replacemen 026 ng County, replacemen Fund NHPP NHPP	of k nt Exe Actua Clinton Towns t on State Rou 2019 \$ 0 \$ 0	Route:6 mpt Code: Wi I Let Date: ship, State Rou te 6 over Bran TIP Progra 2020 \$ 0 \$ 0 \$ 0	den narw. pay <u>ite 6</u> <u>ch of Tunkha</u> im Years (\$000) 2021 \$ 0 \$ 0 \$ 0	ve. or recon b nnock Creek 2022 \$ 350 \$ 0	brdgs (No add <u>in Clinton To</u> 2nd 4 Years \$ 0 \$ 350	ownship, Wyor 3rd 4 Years \$ 0 \$ 0	
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge ite:10/01/2 its:Wyomi ve:Bridge Phase PE FD	nnock Cree Replacemen 026 ng County, replacemen Fund NHPP NHPP NHPP	of k nt Exe Actua Clinton Towns t on State Rou 2019 \$ 0 \$ 0 \$ 0 \$ 0	Route:6 mpt Code: Wi I Let Date: ship, State Rou te 6 over Bran TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	den narw. pay ate 6 ch of Tunkhar un Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	2022 \$ 350 \$ 0 \$ 0	brdgs (No add <u>in Clinton To</u> 2nd 4 Years \$ 0 \$ 350 \$ 0	ltl lanes) wwnship, Wyor 3rd 4 Years \$ 0 \$ 0 \$ 0 \$ 4,000	
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge ite:10/01/2 its:Wyomi ve:Bridge Phase PE FD	nnock Cree Replacemen 026 ng County, replacemen Fund NHPP NHPP NHPP	of k nt Exe Actua Clinton Towns t on State Rou 2019 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	Route:6 mpt Code: Wi I Let Date: ship, State Rou te 6 over Bran TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	den narw. pay ate 6 ch of Tunkhar un Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	2022 \$ 350 \$ 0 \$ 0	brdgs (No add <u>in Clinton To</u> 2nd 4 Years \$ 0 \$ 350 \$ 0	ltl lanes) wwnship, Wyor 3rd 4 Years \$ 0 \$ 0 \$ 0 \$ 4,000	
Tit Improvement Tyj Est. Let Da Geographic Limi	tle:SR 6 ov Tunkha pe:Bridge ite:10/01/2 its:Wyomi ve:Bridge Phase PE FD	nnock Cree Replacemen 026 ng County, replacemen Fund NHPP NHPP NHPP	of k nt Exe Actua Clinton Towns t on State Rou 2019 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	Route:6 mpt Code: Wi I Let Date: ship, State Rou te 6 over Bran TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	den narw. pay ate 6 ch of Tunkhar un Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	2022 \$ 350 \$ 0 \$ 0	brdgs (No add <u>in Clinton To</u> 2nd 4 Years \$ 0 \$ 350 \$ 0	ltl lanes) wwnship, Wyor 3rd 4 Years \$ 0 \$ 0 \$ 0 \$ 4,000	

FFY 20	19 North	ern Tie	r TIP	Highway &	Bridge					Dra
	** 7								Current Date	e: 5/21/18
	Wyor	ning								
.0223	MDMC	1.10222		М		······································				
	MPMS :		ver South B		inicipality:Cli Route:6	inton (Twp)		Section:776	A/0	Status. Exampt
	1 101		channock C		Koute.0		k	Section. 770	A/Q	Status:Exempt
Improv	ement Typ				mpt Code:Wi	iden narw. pav	ve. or recon	brdgs (No add	ltl lanes)	
-	Est. Let Dat	-	-		l Let Date:	1		U (,	
Geogra	aphic Limit	s:Wyomi	ng County,	Clinton Town	ship, State Ro	ute 6				
	Narrativ	e:Bridge	rehabilitati	on on State Ro	ute 6 over Sou	th Branch of T	Funkhannoc	k Creek in Cli	inton Townsh	ip, Wyoming Cou
					TIP Progra	am Years (\$000)				
		Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
		PE	NHPP	\$ 403	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
		FD	NHPP	\$ 0	\$ 0	\$ 350	\$ 0	\$ 0	\$ 0	
		CON	NHPP	\$ 0	\$ 0	\$ 0	\$ 500	\$ 2,000	\$ 0	
				\$ 403	\$ 0	\$ 350	\$ 500	\$ 2,000	\$ 0	
			,	Fotal FY 2 019	-2022 Cost \$	1.253				
						,				
.0224										
	MPMS		T 1 / T		inicipality:Le	mon (Twp)				
	Titl		over Inlet L	ake	Route:29			Section:D51	A/Q	Status:Exempt
Imnrov	ement Typ	Carey e•Replace	P/Rehah	Exe	mpt Code:Wi	iden narw nav	ve or recon	brdgs (No add	ltl lanes)	
-	Est. Let Dat	-			l Let Date:	iden nurw. puv		01455 (110 444	ti iunes)	
Geogra	aphic Limit	s:Wyomi	ng County,	Lemon Towns	hip, State Rou	te 29 (Joseph	W. Hunter	Highway)		
0	Narrativ	e:Bridge	rehabilitati	on/replacemen	t on State Rou	te 29 (Joseph	W. Hunter H	Highway) over	inlet to Lake	Carey in Lemon
		Townsł	nip, Wyom	ing County.						
					TIP Progra	am Years (\$000)				
		Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
		FD	STP	\$ 300	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
		CON	STP	\$ 0	\$ 0	\$ 0	\$ 920	\$ 0	\$ 0	
		CON	185	\$ 0	\$ 0	\$ 0	\$ 230	\$ 0	\$ O	
				\$ 300	\$ 0	\$ 0	\$ 1,150	\$ 0	\$ O	
			,	Fotal FY 2 019	-2022 Cost \$	1.450				
						·				

10228

Wyor	ning								
0228	1 10000			••••	11 (T)				
MPMS		war Eitab (unicipality:Fa Route:92			Continue D50	A/O	Status Exampt
I III Improvement Typ		ver Fitch (empt Code:W			Section:D50		Status:Exempt
Est. Let Dat	-			al Let Date:	iden narw. pa		Jugs (110 aud	iti iancs)	
Geographic Limit					92				
			on/replacemen	-		ch Creek in I	Falls Townshi	p, Wyoming	County.
				TIP Progra	am Years (\$000)				
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	FD	581	\$ 0	\$ 300	\$ 0	\$ 0	\$ 0	\$ 0	
	CON	STP	\$ 0	\$ 0	\$ 0	\$ 0	\$ 800	\$ 0	
	CON	185	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200	\$ 0	
			\$ 0	\$ 300	\$ 0	\$ 0	\$ 1,000	\$ 0	
			Total FY 2019	-2022 Cost \$	300				
					11 (77)				
MPMS		ver Tribut		unicipality:Fa			Section: 750		Status-Exampt
MPMS	e:SR 92 o	ver Tribut nanna Rive	ary of	unicipality:Fa Route:92			Section:750	A/Q	Status:Exempt
MPMS Titl	e:SR 92 o Susqueł	nanna Rive	ary of r						Status:Exempt
MPMS Titl	e:SR 92 o Susqueł e:Bridge l	nanna Rive Rehabilitat	ary of r ion Exe	Route:92					Status: Exempt
MPMS Titl Improvement Typ Est. Let Dat	e:SR 92 o Susqueł e:Bridge l e:10/01/20	nanna Rive Rehabilitat 020	ary of r ion Exe Actua	Route:92 empt Code:W Il Let Date:	iden narw. pa				Status: Exempt
MPMS Titl Improvement Typ Est. Let Dat Geographic Limit	e:SR 92 o Susqueł e:Bridge l e:10/01/20 ts:Wyomin	nanna Rive Rehabilitat 020 ng County	ary of r ion Exe Actua , Falls Townshi	Route:92 empt Code:W Il Let Date: ip, State Route	iden narw. pa	ve. or recon	ordgs (No add	tl lanes)	Status:Exempt
MPMS Titl Improvement Typ Est. Let Dat Geographic Limit	e:SR 92 o Susqueł e:Bridge l e:10/01/20 ts:Wyomin	nanna Rive Rehabilitat 020 ng County	ary of r ion Exe Actua , Falls Townshi	Route:92 empt Code:W Il Let Date: ip, State Route pute 92 over Tr	iden narw. pa	ve. or recon	ordgs (No add	tl lanes)	
MPMS Titl Improvement Typ Est. Let Dat Geographic Limit	e:SR 92 o Susqueł e:Bridge l e:10/01/20 ts:Wyomin	nanna Rive Rehabilitat 020 ng County rehabilitati Fund	ary of r ion Exe Actua , Falls Townshi on on State Ro 2019	Route:92 empt Code:W al Let Date: ip, State Route pute 92 over Tr TIP Progr 2020	iden narw. par 292. ibutary of Sus am Years (\$000) 2021	ve. or recon b squehanna R 2022	ordgs (No add iver in Falls T 2nd 4 Years	tl lanes)	
MPMS Titl Improvement Typ Est. Let Dat Geographic Limit	e:SR 92 o Susqueł e:Bridge l e:10/01/20 ts:Wyomin e:Bridge n	hanna Rive Rehabilitat 020 ng County rehabilitati	ary of r ion Exe Actua , Falls Townsh on on State Ro	Route:92 empt Code:W al Let Date: ip, State Route oute 92 over Tr TIP Progra	iden narw. par 92. ibutary of Sus am Years (\$000)	ve. or recon	ordgs (No add iver in Falls T	ltl lanes) Township, Wy	
MPMS Titl Improvement Typ Est. Let Dat Geographic Limit	e:SR 92 o Susqueh e:Bridge I fe:10/01/20 ts:Wyomin re:Bridge I Phase	nanna Rive Rehabilitat 020 ng County rehabilitati Fund	ary of r ion Exe Actua , Falls Townshi on on State Ro 2019	Route:92 empt Code:W al Let Date: ip, State Route pute 92 over Tr TIP Progr 2020	iden narw. par 292. ibutary of Sus am Years (\$000) 2021	ve. or recon b squehanna R 2022	ordgs (No add iver in Falls T 2nd 4 Years	ltl lanes) Township, Wy 3rd 4 Years \$ 0	
MPMS Titl Improvement Typ Est. Let Dat Geographic Limit	e:SR 92 o Susqueh e:Bridge I te:10/01/20 ts:Wyomin e:Bridge n Phase FD	nanna Rive Rehabilitat 020 ng County rehabilitati Fund STP	ary of r ion Exe <u>Actua</u> <u>, Falls Townshi</u> <u>on on State Ro</u> 2019 \$ 160	Route:92 empt Code:W al Let Date: ip, State Route iute 92 over Tr TIP Progra 2020 \$ 0	iden narw. pav 92. ibutary of Sus am Years (\$000) 2021 \$ 0	ve. or recon b squehanna R 2022 \$ 0	ordgs (No add iver in Falls T 2nd 4 Years \$ 0	ltl lanes) Township, Wy 3rd 4 Years \$ 0	
MPMS Titl Improvement Typ Est. Let Dat Geographic Limit	e:SR 92 o Susqueh e:Bridge I fe:10/01/20 ts:Wyomin e:Bridge I Phase FD FD	nanna Rive Rehabilitat 020 ng County rehabilitati Fund STP 185	ary of r ion Exe Actua Falls Townshi on on State Ro 2019 \$ 160 \$ 40	Route:92 empt Code:W al Let Date: ip, State Route oute 92 over Tr TIP Progra 2020 \$ 0 \$ 0	iden narw. par 92. ibutary of Sus am Years (\$000) 2021 \$ 0 \$ 0	ve. or recon b squehanna R 2022 \$ 0 \$ 0	ordgs (No add iver in Falls T 2nd 4 Years \$ 0 \$ 0	ltl lanes) Township, Wy 3rd 4 Years \$ 0 \$ 0	
MPMS Titl Improvement Typ Est. Let Dat Geographic Limit	e:SR 92 o Susqueh e:Bridge I fe:10/01/20 ts:Wyomin re:Bridge f Phase FD FD CON	nanna Rive Rehabilitat 020 ng County rehabilitati Fund STP 185 STP	ary of r ion Exe Actua , Falls Townshi on on State Ro 2019 \$ 160 \$ 40 \$ 0	Route:92 empt Code:W al Let Date: ip, State Route pute 92 over Tr TIP Progr 2020 \$ 0 \$ 0 \$ 0 \$ 0	iden narw. par 2 92. ibutary of Sus am Years (\$000) 2021 \$ 0 \$ 0 \$ 800	ve. or recon squehanna R 2022 \$ 0 \$ 0 \$ 0 \$ 0	ordgs (No add iver in Falls T 2nd 4 Years \$ 0 \$ 0 \$ 0 \$ 0	Itl lanes) Township, Wy 3rd 4 Years \$ 0 \$ 0 \$ 0 \$ 0	
MPMS Titl Improvement Typ Est. Let Dat Geographic Limit	e:SR 92 o Susqueh e:Bridge I fe:10/01/20 ts:Wyomin re:Bridge f Phase FD FD CON	nanna Rive Rehabilitat 020 ng County rehabilitati Fund STP 185 STP 185	ary of r ion Exe Actua <u>Falls Townshi</u> on on State Ro 2019 \$ 160 \$ 40 \$ 0 \$ 0	Route:92 empt Code:W al Let Date: ip, State Route pute 92 over Tr TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	iden narw. par 92. ibutary of Sus am Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 800 \$ 200 \$ 1,000	ve. or recon b squehanna R 2022 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	ordgs (No add iver in Falls T 2nd 4 Years \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	Itl lanes) Fownship, Wy 3rd 4 Years \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	
Titl Improvement Typ Est. Let Dat Geographic Limit	e:SR 92 o Susqueh e:Bridge I fe:10/01/20 ts:Wyomin re:Bridge f Phase FD FD CON	nanna Rive Rehabilitat 020 ng County rehabilitati Fund STP 185 STP 185	ary of r ion Exe Actua Falls Townshi on on State Ro 2019 \$ 160 \$ 40 \$ 0 \$ 0 \$ 0 \$ 0 \$ 200	Route:92 empt Code:W al Let Date: ip, State Route pute 92 over Tr TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	iden narw. par 92. ibutary of Sus am Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 800 \$ 200 \$ 1,000	ve. or recon b squehanna R 2022 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	ordgs (No add iver in Falls T 2nd 4 Years \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	Itl lanes) Fownship, Wy 3rd 4 Years \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	

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Wyo	ming								te: 5/21/18
)232	8								
MPMS	#: 10232		Μ	unicipality:Tu	nkhannock (T	wp)			
Tit	le:SR 307		ich	Route:30	7	1	Section:750	A/Q	Status:Exempt
		ut Creek							
Improvement Typ	-	-		mpt Code:W	iden narw. pav	ve. or recon	brdgs (No add	ltl lanes)	
Est. Let Da Geographic Limi				l Let Date:	ata Pouta 207	(Pooravalt]	(Jighway)		
				-				reek in Tunk	hannock Townsh
	-	ng County		ie 307 (Roose	ven mgnway)	over brane			inalihoek Townsi
		ing county		TIP Progr	am Years (\$000)				1
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	PE	185	\$ 0	\$ 0	\$ 75	\$ 0	\$ 0	\$ 0	
	CON	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 500	\$ 0	
			\$ 0	\$ 0	\$ 75	\$ 0	\$ 500	\$ 0	
						ψŪ	\$ 200	\$ 0	
MPMS	#:33169 le:SR 2002			-2022 Cost \$ inicipality:Ex Route:20	eter (Twp)		Section:751		Status:Exempt
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2002 be:Replace te:10/01/2 ts:Wyomin	2 over Mil /Rehab 023 ng County	Mu Il Creek Exe Actua r, Exeter Towns	Inicipality:Ex Route:20 Empt Code:W I Let Date: hip, State Rou	eter (Twp) 02 iden narw. pay te 2002 (Old S	ve. or recon State Road)	brdgs (No add	ltl lanes)	Status:Exempt
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2002 pe:Replace te:10/01/20 ts:Wyomin ve:Bridge	2 over Mil /Rehab 023 ng County rehabilitat	Mu Il Creek Exe Actua r, Exeter Towns	Inicipality:Ex Route:20 Empt Code:W I Let Date: hip, State Rou	eter (Twp) 02 iden narw. pay te 2002 (Old S	ve. or recon State Road)	brdgs (No add	ltl lanes)	Status: Exempt
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2002 be:Replace te:10/01/2 ts:Wyomin	2 over Mil /Rehab 023 ng County rehabilitat	Mu Il Creek Exe Actua r, Exeter Towns	unicipality:Ex Route:20 empt Code:W I Let Date: hip, State Rou t on State Rou	eter (Twp) 02 iden narw. pay te 2002 (Old S	ve. or recon State Road)	brdgs (No add	ltl lanes)	
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2002 pe:Replace te:10/01/20 ts:Wyomin ve:Bridge	2 over Mil /Rehab 023 ng County rehabilitat	Mu Il Creek Exe Actua r, Exeter Towns	unicipality:Ex Route:20 empt Code:W I Let Date: hip, State Rou t on State Rou	eter (Twp) 02 iden narw. pay te 2002 (Old S te 2002 (Old S	ve. or recon State Road)	brdgs (No add	ltl lanes)	
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2002 pe:Replace te:10/01/22 ts:Wyomin ve:Bridge County	2 over Mil /Rehab 023 ng County rehabilitat	Mu Il Creek Exe Actua r, Exeter Towns ion/replacemen	unicipality:Ex Route:20 empt Code:W I Let Date: hip, State Rou t on State Rou TIP Progr	eter (Twp) 02 iden narw. pav te 2002 (Old S te 2002 (Old S am Years (\$000)	e. or recon State Road) State Road)	brdgs (No add over Mill Cree	ltl lanes) ek in Exeter T	Fownship, Wyon
Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2002 pe:Replace te:10/01/22 ts:Wyomin ve:Bridge p County. Phase	2 over Mil /Rehab 023 ng County rehabilitat Fund	Mu Il Creek Exe Actua y, Exeter Towns ion/replacemen 2019	Inicipality:Ex Route:20 Empt Code:W I Let Date: hip, State Rou t on State Rou TIP Progra	eter (Twp) 02 iden narw. pav te 2002 (Old S te 2002 (Old S am Years (\$000) 2021	2022	brdgs (No add over Mill Crea 2nd 4 Years	ltl lanes) ek in Exeter 7 3rd 4 Years	Γownship, Wyon
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2002 pe:Replace te:10/01/22 ts:Wyomin ve:Bridge = County Phase PE	2 over Mil /Rehab 023 ng County rehabilitat Fund 185	Mu Il Creek Exe Actua 7, Exeter Towns ion/replacemen 2019 \$ 50	anicipality:Ex Route:20 empt Code:W I Let Date: hip, State Rou t on State Rou TIP Progra 2020 \$ 0	eter (Twp) 02 iden narw. pav te 2002 (Old S te 2002 (Old S am Years (\$000) 2021 \$ 0	2022 2022 \$ 0	brdgs (No add over Mill Cree 2nd 4 Years \$ 0	ltl lanes) ek in Exeter T 3rd 4 Years \$ 0	Γownship, Wyon
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2002 pe:Replace te:10/01/22 ts:Wyomin ve:Bridge = County Phase PE	2 over Mil /Rehab 023 ng County rehabilitat Fund 185 581	Mu Il Creek Actua y, Exeter Towns ion/replacemen 2019 \$ 50 \$ 0 \$ 50 \$ 50	Inicipality:Ex Route:20 Empt Code:W I Let Date: hip, State Rou t on State Rou TIP Progr. 2020 \$ 0 \$ 0 \$ 0 \$ 0	eter (Twp) 02 iden narw. pav te 2002 (Old S te 2002 (Old S am Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 0	2022 \$ 0 \$ 0 \$ 0 \$ 0	brdgs (No add over Mill Cree 2nd 4 Years \$ 0 \$ 900	ltl lanes) ek in Exeter T 3rd 4 Years \$ 0 \$ 0	Γownship, Wyon
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2002 pe:Replace te:10/01/22 ts:Wyomin ve:Bridge = County Phase PE	2 over Mil /Rehab 023 ng County rehabilitat Fund 185 581	Mu Il Creek Exe Actua y, Exeter Towns ion/replacemen 2019 \$ 50 \$ 0	Inicipality:Ex Route:20 Empt Code:W I Let Date: hip, State Rou t on State Rou TIP Progr. 2020 \$ 0 \$ 0 \$ 0 \$ 0	eter (Twp) 02 iden narw. pav te 2002 (Old S te 2002 (Old S am Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 0	2022 \$ 0 \$ 0 \$ 0 \$ 0	brdgs (No add over Mill Cree 2nd 4 Years \$ 0 \$ 900	ltl lanes) ek in Exeter T 3rd 4 Years \$ 0 \$ 0	Γownship, Wyon
MPMS Tit Improvement Typ Est. Let Da Geographic Limi	le:SR 2002 pe:Replace te:10/01/22 ts:Wyomin ve:Bridge = County Phase PE	2 over Mil /Rehab 023 ng County rehabilitat Fund 185 581	Mu Il Creek Actua y, Exeter Towns ion/replacemen 2019 \$ 50 \$ 0 \$ 50 \$ 50	Inicipality:Ex Route:20 Empt Code:W I Let Date: hip, State Rou t on State Rou TIP Progr. 2020 \$ 0 \$ 0 \$ 0 \$ 0	eter (Twp) 02 iden narw. pav te 2002 (Old S te 2002 (Old S am Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 0	2022 \$ 0 \$ 0 \$ 0 \$ 0	brdgs (No add over Mill Cree 2nd 4 Years \$ 0 \$ 900	ltl lanes) ek in Exeter T 3rd 4 Years \$ 0 \$ 0	Γownship, Wyon

	yoming							Current Date:	5/21/18
	Johning								
	IS #:64091		Мі	inicipality:					
T	F itle: T-337 o	ver Dietz		Route:72	10	S	Section:BRG	A/Q S	tatus:Exemp
		in Leonard	l Creek						
	Brg #3								
Improvement T	ype:Bridge I Date:10/01/20	-		mpt Code:W l Let Date:	iden narw. pav	ve. or recon	brdgs (No adc	Itl lanes)	
Geographic Li					in Road 337				
			on/replacemen		-	er Leonard (Creek in Monr	oe Township. V	Wvoming Cou
			p		am Years (\$000)			<u> </u>	
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	PE	BOF	\$ 0	\$ 160	\$ 0	\$ 0	\$ 0	\$ O	
	PE	183	\$ 0	\$ 30	\$ 0	\$ 0	\$ 0	\$ O	
	PE	LOC	\$ 0	\$ 10	\$ 0	\$ 0	\$ 0	\$ O	
	CON	BOF	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,800	
	CON	183	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 338	
	CON	LOC	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 113	
			\$ 0	\$ 200	\$ 0	\$ 0	\$ 0	\$ 2,251	
			Total FY 2019			• -	• -	*) -	
			10141112019	2022 0050 \$	200				
58808			м	••••••					
	1S #: 68808 Fitle:SR 2001	1 over Sou		inicipality:Mo Route:20			Section:772	1/0 S	tatus:Exempt
	Creek C		ui Kuii	Noute.20	01	k	Section. 772	AQS	tatus.Exempt
Improvement T			ion Exe	mpt Code:W	iden narw. pav	ve. or recon	brdgs (No add	tl lanes)	
	Date:06/24/2			l Let Date:					
Geographic Li				.			· · · · ·		
Narra	-		on on State Ro	ute 2001 (Buc	kwheat Hollo	w Road) ove	er South Run (Creek in Monro	e Township,
	Wyomi	ng County	•	TTD D	T I (6000)				
	Phase	Fund	2019	TIP Progra	am Years (\$000) 2021	2022	2nd 4 Years	3rd 4 Years	
		185	\$ 100	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
	PF	105		\$ 0 \$ 0	\$ 1,150	\$ 0 \$ 0	\$ 0 \$ 0	\$ 0 \$ 0	
	PE CON	581	S n		φ1,130	\$ U			
	PE CON	581	\$ 0 \$ 100		\$ 1 150	\$ 0	<u>۵</u>	S 01	
			\$ 100	\$ 0	\$ 1,150	\$ 0	\$ 0	\$ 0	
				\$ 0		\$ 0	\$ 0	\$ 0	

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								Current Date	· 5/21/18
Wyoi	ming								. 3/21/18
58841									
	# : 68841		Мі	unicipality:Mo	onroe (Twp)				
Tit	le:SR 2018	8 over Leo	onard	Route:20	18	S	Section:770	A/Q	Status:Exempt
	Creek								
Improvement Typ	-			mpt Code:W	iden narw. pa	ve. or recon	brdgs (No add	tl lanes)	
Est. Let Dat				l Let Date:					
Geographic Limit							/	0 1 . 14	
Narrativ	-		ion/replacemen	t on State Rou	te 2018 (Platt	sburg Road)	over Leonard	Creek in Mor	roe Township,
	wyomi	ng County	/.	TID Droger					
	Phase	Fund	2019	2020	am Years (\$000) 2021	2022	2nd 4 Years	3rd 4 Years	
	PE	581	\$ 0	\$ 75	\$ 0	\$ 0	\$ 0	\$ 0	
	CON	581	\$ 0 \$ 0	\$ 0	\$ 0 \$ 0	\$ 0	\$ 650	\$ 0 \$ 0	
		561	\$ 0 \$ 0	\$ 75	\$ 0 \$ 0	\$ 0 \$ 0	\$ 650 \$ 650	\$ 0 \$ 0	
						\$0	\$ 030	\$0	
			Total FY 2019	-2022 Cost \$	75				
58874									
	# : 68874		Мі	inicipality:No	oxen (Twp)				
Tit	le:SR 3002	2 over Sto	one Run	Route:30	02	S	Section:770	A/Q	Status:Exempt
Improvement Typ	-			mpt Code:W	iden narw. pav	ve. or recon	brdgs (No add	tl lanes)	
Est. Let Dat				l Let Date:					
Geographic Limit				-			·	1	
Narrativ	e:Bridge	rehabilitat	ion on State Ro				in Noxen Toy	wnship, Wyon	ning County.
	Dhasa	Eund	2019	TIP Progra	am Years (\$000) 2021	2022	2nd 4 Years	3rd 4 Years	
	Phase	Fund 581	\$ 350	2020 \$ 0	\$ 0	\$ 0	2110 4 Years \$ 0		
	CON	381						\$ 0 \$ 0	
			\$ 350	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
			Total FY 2019	-2022 Cost \$	350				
25772									
85773									

Wyoming 35773 MPMS #:85773 Municipality::Mehoopany (Twp) Title:SR 87 over Little Route::87 Section:D51 Mehoopany Creek Improvement Type:Bridge Rehabilitation Exempt Code::Widen narw. pave. or recon brdgs (No addtl lanes) Est. Let Date: 10/01/2023 Actual Let Date: Geographic Limits: Wyoming County, Mehoopany Township, State Route 87 Narrative: Bridge rehabilitation on State Route 87 over Little Mehoopany Creek in Mehoopany Township TIP Program Years (\$000) Phase Fund 2019 2020 2021 2022 2nd 4 Years 3rd 4 Years 3rd 4 Years 775 \$ 0 \$ 0 \$ 0 \$ 1,500 Total FY 2019-2022 Cost \$ 75 Total FY 2019-2022 Cost \$ 75 Improvement Type:Safety Improvement Exempt Code:Safety improvement program Est. Let Date: 07/09/2020 Actual Let Date: Geographic Limits: Wyoming County, Eaton Township, State Route 29 and State Route 3003 (Sugar Hollow Road) Martative Safety Improvement State Route 29 and State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 and State Route 3003 (Sugar Hollow Road) <th colsp<="" th=""><th>nt Date: 5/21/18</th></th>	<th>nt Date: 5/21/18</th>	nt Date: 5/21/18
S773 MPMS #:85773 Municipality:Mehoopany (Twp) Title:SR 87 over Little Route:87 Section:D51 Mehoopany Creek Improvement Type:Bridge Rehabilitation Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes) Est. Let Date: 10/01/2023 Actual Let Date: Geographic Limits: Wyoming County, Mehoopany Township, State Route 87 Narrative: Bridge rehabilitation on State Route 87 over Little Mehoopany Creek in Mehoopany Township, State Route 87 Intervention of the state Route 87 over Little Mehoopany Creek in Mehoopany Township PE 581 \$ 75 \$ 0 \$ 0 \$ 0 PE 581 \$ 75 \$ 0 \$ 0 \$ 1,500 YPE 581 \$ 0 \$ 0 \$ 1,500 Y75 \$ 0 \$ 0 \$ 1,500 Y76 Y75 \$ 0 \$ 0 \$ 1,500 <t< th=""><th></th></t<>		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		
Title:SR 87 over Little Mehoopany Creek Route:87 Section:D51 Improvement Type:Bridge Rehabilitation Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes) Est. Let Date: 10/01/2023 Actual Let Date: Geographic Limits:Wyoming County, Mehoopany Township, State Route 87 Narrative: Bridge rehabilitation on State Route 87 over Little Mehoopany Creek in Mehoopany Township Piase Fund 2019 2020 2021 2022 2nd 4 Years 3rd 4 Ye PE 581 \$ 75 \$ 0 \$ 0 \$ 0 \$ 1,500 CON 581 \$ 0 \$ 0 \$ 0 \$ 1,500 Total FY 2019-2022 Cost \$ 75 Total FY 2019-2022 Cost \$ 75 D4688 Municipality:Eaton (Twp) Title:SR 29/3003 Sugar Route:29 Section:791 Hollow Horovement Type:Safety Improvement Exempt Code:Safety improvement program Est. Let Date:07/09/2020 Actual Let Date: Geographic Limits:Wyoming County, Eaton Township, State Route 29 and State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 30		
Mehoopany Creek Improvement Type:Bridge Rehabilitation Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes) Est. Let Date:10/01/2023 Actual Let Date: Geographic Limits:Wyoming County, Mehoopany Township, State Route 87 Narrative: Bridge rehabilitation on State Route 87 over Little Mehoopany Creek in Mehoopany Township Pressor Phase Fund 2019 2020 2021 2022 2nd 4 Years 3rd 4 Years PE 581 \$ 75 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 CON 581 \$ 0 \$ 0 \$ 0 \$ 1,500 \$ 0 CON 581 \$ 0 \$ 0 \$ 0 \$ 1,500 \$ 0 Total FY 2019-2022 Cost \$ 75 Total FY 2019-2022 Cost \$ 75 \$ 1,500 \$ 1,500 \$ 1,500 MPMS #:94688 Municipality:Eaton (Twp) Title:SR 29/3003 Sugar Route:29 Section:791 Hollow Improvement Exempt Code:Safety improvement program Est. Let Date:07/09/2020 Actual Let Date: Geographic Limits:Wyoming County, Eaton Township, State Route 29 and State Route 3003 (Sugar Hollow Roud) Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Roud)		
Improvement Type:Bridge Rehabilitation Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes) Est. Let Date: 10/01/2023 Actual Let Date: Geographic Limits:Wyoming County, Mehoopany Township, State Route 87 Narrative:Bridge rehabilitation on State Route 87 over Little Mehoopany Creek in Mehoopany Township TIP Program Years (\$000) Phase Fund 2019 2020 2021 2022 2nd 4 Years 3rd 4 Year PE 581 \$ 75 \$ 0 \$ 0 \$ 0 \$ 0 \$ 1,500 CON 581 \$ 0 \$ 0 \$ 0 \$ 0 \$ 1,500 Total FY 2019-2022 Cost \$ 75 4688 MPMS #:94688 Municipality:Eaton (Twp) Title:SR 29/3003 Sugar Route:29 Section:791 Hollow Improvement Type:Safety Improvement Exempt Code:Safety improvement program Est. Let Date:07/09/2020 Actual Let Date: Geographic Limits:Wyoming County, Eaton Township, State Route 29 and State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 29 at the intersection of State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvements on State Route 3003 (Sugar Hollow Road) Narrative: Safety Improvement Safety Imp	A/Q Status:Exempt	
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Wyoming County. TIP Program Years (\$000) Phase Fund 2019 2020 2021 2022 2nd 4 Years 3rd 4 Ye		
TIP Program Years (\$000) Phase Fund 2019 2020 2021 2022 2nd 4 Years 3rd 4 Ye	Road) in Eaton Townsl	
Phase Fund 2019 2020 2021 2022 2nd 4 Years 3rd 4 Years		
FD HSIP \$ 250 \$ 0 \$ 0 \$ 0 \$ 0	\$ 0	
CON HSIP \$ 0 \$ 653 \$ 653 \$ 0 \$ 0	\$ 0	
\$ 250 \$ 653 \$ 653 \$ 0 \$ 0	\$ 0	
Total FY 2019-2022 Cost \$ 1,556		

			Highway &	8					Dra
Wyoi	mina							Current Date	: 5/21/18
6746	lining								
	# : 96746		Mu	nicipality:Ove	erfield (Twp)				
Tit	le:SR 202	1 over Beav		Route:202	· · ·		Section:D50	A/Q	Status:Exempt
	Creek								
Improvement Typ	1			mpt Code:Wid	len narw. pav	ve. or recon b	ordgs (No add	tl lanes)	
Est. Let Dat				l Let Date:					
Geographic Limit				t on State Route			r Dooyor Cro	lt in Overfield	Township
	-	ng County.	-	on State Route	2021 (LOW	n Koau) ove	i Deavei Ciet		r rownsnip,
		ng county.		TIP Program	n Years (\$000)				
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	CON	STP	\$ 0	\$ 0	\$ 0	\$ 750	\$ 0	\$ 0	
			\$ 0	\$ 0	\$ 0	\$ 750	\$ 0	\$ 0	
		Т	fotal FY 2019	-2022 Cost \$ 7	50				
96747	11.0(747		м	····		`			
	#:96747 le:SR 4006	6 over Little		nicipality:Lac Route:400	•	·	Section:771	A/O	Status:Exempt
110			-	itouter 100	0				ourus Exempt
	Tuscaro	ra Creek							
Improvement Typ			Exe	mpt Code:Wid	len narw. pav	ve. or recon b	ordgs (No add	ltl lanes)	
Est. Let Dat	e:Replace te:10/01/20	e/Rehab 025	Actua	l Let Date:	-		ordgs (No add	tl lanes)	
Geographic Limit	e:Replace te:10/01/20 ts:Wyomin	e/Rehab 025 ng County,	Actua Laceyville Bo	I Let Date: rough, State Ro	oute 4006 (La	cey Street)	- `		
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Est. Let Dat Geographic Limit	e:Replace te:10/01/20 ts:Wyomin ve:Bridge	e/Rehab 025 ng County,	Actua Laceyville Bo	Let Date: rough, State Ro	oute 4006 (La e 4006 (Lace	cey Street)	- `		Laceyville Borou
Est. Let Dat Geographic Limit	e:Replace te:10/01/20 ts:Wyomin ve:Bridge	/Rehab 025 ng County, rehabilitatic	Actua Laceyville Bo	Let Date: rough, State Ro t on State Route TIP Program	oute 4006 (La e 4006 (Lace n Years (\$000)	cey Street) y Street) ove	- `		Laceyville Borou
Est. Let Dat Geographic Limit	e:Replace te:10/01/20 ts:Wyomin ve:Bridge n Wyomin Phase	P/Rehab 025 ng County, rehabilitatic ng County. Fund	Actua Laceyville Bo on/replacement 2019	I Let Date: rough, State Route to on State Route TIP Program 2020	oute 4006 (Lace e 4006 (Lace n Years (\$000) 2021	cey Street) y Street) ove 2022	r Little Tusca 2nd 4 Years	rora Creek in 3rd 4 Years	Laceyville Borou
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Est. Let Dat Geographic Limit	e:Replace te:10/01/20 ts:Wyomin /e:Bridge 1 Wyomin Phase PE FD	P/Rehab 025 ng County, rehabilitatic ng County. Fund 581 185	Actua Laceyville Bo on/replacement 2019 \$ 0 \$ 0	TIP Program 2020 \$ 350 \$ 0	oute 4006 (Lace) e 4006 (Lace) n Years (\$000) 2021 \$ 0 \$ 0	2022 \$ 0 \$ 0	r Little Tusca 2nd 4 Years \$ 0 \$ 288	rora Creek in 3rd 4 Years \$ 0 \$ 0	Laceyville Borou
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								Current Date	: 5/21/18
Wyo	ming							Current Duc	. 5/21/10
96750									
MPMS	#: 96750		Mı	inicipality:Ea					
Tit	le:SR 2007		•	Route:20	07	S	Section:D52	A/Q	Status:Exempt
I	-	uehanna Ri		mat Cada W			hudaa (Na ada	(41 1am an)	
Improvement Typ Est. Let Dat	-			mpt Code:Wi l Let Date:	den narw. pav	e. or recon	brugs (No add	iti ianes)	
Geographic Limit					e 2007 (Kellei	sburg Road)		
				-	-			ary to the Susc	uehanna River i
	-		Wayne County.		× ×	e	,	2	1
				TIP Progra	um Years (\$000)				
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	FD	581	\$ 300	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
	CON	581	\$ 0	\$ 0	\$ 0	\$ 1,500	\$ 0	\$ 0	
			\$ 300	\$ 0	\$ 0	\$ 1,500	\$ 0	\$ 0	
		,	Total FY 2019	-2022 Cost \$	1,800				
96756 MBMS	# : 96756		M	inicipality:Ov	orfield (Turn)				
	#.90730 le:SR 2031	l over Ouf		Route:20	• • •		Section:D50	A/O	Status:Exempt
	2051			10000020		•			otatastEntempt
110	Lake W	inola					brdgs (No add	Itl lanes)	
Improvement Typ			Exe	mpt Code:Wi	den narw. pav	e. or recon	orugs (no auc		
	e:Replace	Rehab		mpt Code:Wi l Let Date:	den narw. pav	e. or recon	olugs (No add		
Improvement Typ Est. Let Dat Geographic Limit	be:Replace te:10/07/20 ts:Wyomir	/Rehab 021 ng County,	Actua , Overfield Tov	I Let Date: vnship, State R	oute 2031 (La	ike Road)	- ``		
Improvement Typ Est. Let Dat Geographic Limit	e:Replace te:10/07/20 ts:Wyomir ve:Bridge 1	/Rehab 021 ng County, rehabilitati	Actua , Overfield Tov on/replacemen	I Let Date: vnship, State R	oute 2031 (La	ike Road)	- ``		n Overfield
Improvement Typ Est. Let Dat Geographic Limit	e:Replace te:10/07/20 ts:Wyomir ve:Bridge 1	/Rehab 021 ng County, rehabilitati	Actua , Overfield Tov	Let Date: Vnship, State R t on State Rout	oute 2031 (La te 2031 (Lake	ike Road)	- ``		n Overfield
Improvement Typ Est. Let Dat Geographic Limit	e:Replace te:10/07/20 ts:Wyomin ve:Bridge 1 Townsh	/Rehab 021 ng County, rehabilitati iip, Wyom	Actua Overfield Tow on/replacemen ing County.	I Let Date: vnship, State R t on State Rout TIP Progra	oute 2031 (La te 2031 (Lake Im Years (\$000)	ike Road) Road) over	the Outlet of	Lake Winola i	n Overfield
Improvement Typ Est. Let Dat Geographic Limit	e:Replace te:10/07/20 ts:Wyomir ve:Bridge 1 Townsh	/Rehab 021 ng County, rehabilitati hip, Wyom Fund	Actua Overfield Tow on/replacemen ing County. 2019	I Let Date: vnship, State R t on State Rout TIP Progra 2020	oute 2031 (Lake te 2031 (Lake um Years (\$000) 2021	ike Road) Road) over 2022	the Outlet of 2nd 4 Years	Lake Winola i 3rd 4 Years	n Overfield
Improvement Typ Est. Let Dat Geographic Limit	e:Replace te:10/07/20 ts:Wyomin /e:Bridge 1 Townsh Phase FD	/Rehab 021 ng County, rehabilitati nip, Wyom Fund 581	Actua Overfield Tow on/replacemen ing County. 2019 \$ 300	I Let Date: vnship, State R t on State Rour TIP Progra 2020 \$ 0	oute 2031 (Lake te 2031 (Lake um Years (\$000) 2021 \$ 0	ake Road) Road) over 2022 \$ 0	the Outlet of 2nd 4 Years \$ 0	Lake Winola i 3rd 4 Years \$ 0	n Overfield
Improvement Typ Est. Let Dat Geographic Limit	e:Replace te:10/07/20 ts:Wyomir ve:Bridge 1 Townsh	/Rehab 021 ng County, rehabilitati hip, Wyom Fund	Actua on/replacemen ing County. 2019 \$ 300 \$ 0	I Let Date: vnship, State R t on State Rout TIP Progra 2020 \$ 0 \$ 0 \$ 0	oute 2031 (Lake te 2031 (Lake m Years (\$000) 2021 \$ 0 \$ 0	tke Road) Road) over 2022 \$ 0 \$ 1,150	the Outlet of 2nd 4 Years \$ 0 \$ 0	Lake Winola i 3rd 4 Years \$ 0 \$ 0	n Overfield
Improvement Typ Est. Let Dat Geographic Limit	e:Replace te:10/07/20 ts:Wyomin /e:Bridge 1 Townsh Phase FD	/Rehab 021 n <u>g County,</u> rehabilitati nip, Wyom Fund 581 581	Actua Overfield Tow on/replacemen ing County. 2019 \$ 300	I Let Date: vnship, State R t on State Rout TIP Progra 2020 \$ 0 \$ 0 \$ 0 \$ 0	oute 2031 (Lake te 2031 (Lake um Years (\$000) 2021 \$ 0 \$ 0 \$ 0 \$ 0	ake Road) Road) over 2022 \$ 0	the Outlet of 2nd 4 Years \$ 0	Lake Winola i 3rd 4 Years \$ 0	n Overfield

FFY 2019 North			lighway &	8				~ ~	Dra
Wyoming								Current Date	: 5/21/18
96757									
MPMS #	#: 96757		Μ	unicipality:M	ehoopany (Tw	vp)			
Title	e:SR 4002	2 over Little		Route:40	02		Section:D52	A/Q	Status:Exempt
	Mehoop	any Creek							
Improvement Type	-			empt Code:W	iden narw. pa	ve. or recon	brdgs (No add	ltl lanes)	
Est. Let Date				al Let Date:					
Geographic Limit				-					
Narrativo	-		/replacemen	t on State Rou	te 4002 over l	Little Mehoc	pany Creek ir	n Mehoopany	l'ownship,
	wyomi	ng County.		TID D	N/ (#000)				
	Phase	Fund	2019	2020	am Years (\$000) 2021	2022	2nd 4 Years	3rd 4 Years	
	FD	185	\$ 0	\$ 300	\$ 0	\$ 0	\$ 0	\$ 0	
	CON	185	\$ 0	\$ 0	\$ 0	\$ 300	\$ 0	\$ 0	
	CON	581	\$ 0	\$ 0	\$ 850	\$ 0	\$ 0	\$ 0	
			\$ 0	\$ 300	\$ 850	\$ 300	\$ 0	\$ 0	
		Тс	tal FY 2019-2022 Cost \$ 1,450						
6909									
MPMS #	#: 96909		Μ	unicipality:No	orth Branch (T	ſwp)			
Title	e:SR 87 S	lide		Route:87 Section:REP				A/Q	Status:Exempt
Improvement Type	e:Restorat	tion	Exe	empt Code:Ha	azard eliminat	ion program			
Est. Let Date				al Let Date:					
Geographic Limit									
Narrativo	e:Slope re	epair on State	e Route 87 ir	n North Branch	•		unty.		
			2010	-	am Years (\$000)		A 1437	2 1 4 32	
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	CON	581	\$ 0	\$ 0	\$ 0	\$ 5,000	\$ 1,000	\$ 0	
			\$ 0	\$ 0	\$ 0	\$ 5,000	\$ 1,000	\$ 0	
		Тс	otal FY 2019	9-2022 Cost \$	5,000				

Wyoming								Current Date	
7847	0								
MPMS	# : 97847		М	unicipality:Eato	on (Twp)				
Tit	le:SR 29 S	lide Repair	Route:29			Section:RP1		1 A/Q Status:Exemp	
Improvement Typ			Exe	Exempt Code: Hazard elimination					
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Narrativ	e:Slope re	pair on State	e Route 29 (J	oseph W. Hunte		in Eaton To	wnship, Wyoı	ming County.	
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	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	CON	581	\$ 0	\$ 1,000	\$ 0	\$ 0	\$ 0	\$ 0	
			\$ 0	\$ 1,000	\$ 0	\$ 0	\$ 0	\$ 0	
		T	otal FY 2019	0-2022 Cost \$ 1,	,000				
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MPMS	le:SR 4002 Mehoop	2 over Little any Creek Preservation	M	unicipality:Meh	100pany (Tw 2	S			Status:Exempt
MPMS Titl Improvement Typ Est. Let Dat	le:SR 4002 Mehoop De:Bridge I Activition te:10/21/20	2 over Little pany Creek Preservation es 021	Mı Exc Actua	unicipality:Meh Route:4002 empt Code:Wid al Let Date:	noopany (Tw 2 len narw. pav	S			Status: Exempt
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	ern Tiei	r TIP	Highway &	Bridge					Dra
								Current Date	: 5/21/18
Wyoi	ning								
101146									
	#:101146		Municipality:Forkston (Twp)						~
Tit		l over Kas	son	Route:30	01	,	Section:D50 A/		Status:Exempt
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Est. Let Dat	-			l Let Date:	iden narw. pa		orugs (no auc	iti ialles)	
Geographic Limit					oute 3001				
			on on State Ro			k in Forkstor	Township, V	Vyoming Cour	nty.
					am Years (\$000)		•		-
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	PE	581	\$ 0	\$ 0	\$ 0	\$ 75	\$ 0	\$ 0	
	CON	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,250	
			\$ 0	\$ 0	\$ 0	\$ 75	\$ 0	\$ 1,250	
		,	Fotal FY 2019	-2022 Cost \$	75			·	
101154									
	#:101154			inicipality:Cl	inton (Twp)				
Tit		ver Branch		Route:11		,	Section:D53	A/Q S	Status:Exempt
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			on/replacemen	-		Branch of T	unkhannock (Creek in Clinto	on Township,
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	PE	581	\$ 0	\$ 0	\$ 0	\$ 75	\$ 0	\$ 0	
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Wyo	ming								
107009									
MPMS	#: 107009		Mu	unicipality:La	ceyville (Bor	o)			
Tit	le:Ntier D4	4 Bridge R	leserve	erve Route:6			Section:0	A/Q St	atus:Exempt
Improvement Typ	e:Reconst	ruct	Exe	mpt Code:W	iden narw. pa	ve. or recon	brdgs (No add	ltl lanes)	
Est. Let Da	te:		Actua	l Let Date:					
Geographic Limi	ts:Wyomii	ng County	, various locatio	ons					
Narrativ	v e: Bridge	Preservatio	on over Little T	uscarora Cree	k in				
				TIP Progr	am Years (\$000)				
	Phase	Fund	2019	2020	2021	2022	2nd 4 Years	3rd 4 Years	
	CON	185	\$ 200	\$ 0	\$ 200	\$ 0	\$ 0	\$ 3,000	
	CON	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,000	\$ O	
			\$ 200	\$ 0	\$ 200	\$ 0	\$ 1,000	\$ 3,000	
			Total FY 2019	-2022 Cost \$	400				

Air Quality Conformity Analysis Report

Northern Tier RPO 2019-2022 TIP and Long Range Transportation Plan

National Ambient Air Quality Standards (NAAQS) Addressed:

- Wyoming County Portion of Scranton - Wilkes Barre, PA 1997 8-Hour Ozone Area (Maintenance)

Prepared By:

Northern Tier RPO And Pennsylvania Department of Transportation for Wyoming County

Public Review:June 4 – July 3, 2018MPO Approval:August 13, 2018

May 2018 (DRAFT)

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Summary of Attachments

Attachment A: Project List Attachment B: Detailed Emission Results Attachment C: Sample MOVES Input Files

Overview

This report provides an analysis of the air quality implications of the Northern Tier Regional Planning and Development Commission (Northern Tier RPO) 2019-2022 Transportation Improvement Program (TIP) and Long Range Transportation Plan (LRTP) for Wyoming County only. The conformity determination for Tioga County is provided in a separate conformity document. The analysis demonstrates transportation conformity under the 1997 8-hour ozone National Ambient Air Quality Standard (NAAQS). The air quality conformity analysis reflects an assessment of the regionally significant, non-exempt transportation projects included in the TIP and LRTP.

This document ensures that the findings meet all current criteria established by the U.S. Environmental Protection Agency (EPA) for the applicable NAAQS. A conformity determination has been completed to provide a regional forecast of emissions based on planned air quality significant projects and the latest available planning assumptions.

Background on Transportation Conformity

Transportation conformity is a way to ensure that federal funding and approval are awarded to transportation activities that are consistent with air quality goals. Under the Clean Air Act (CAA), transportation and air quality modeling procedures must be coordinated to ensure that the TIP and the LRTP are consistent with the area's applicable State Implementation Plan (SIP). The SIP is a federally approved and enforceable plan by which each area identifies how it will attain and/or maintain the health-related primary and welfare-related secondary NAAQS.

In order to receive transportation funding and approvals from the Federal Highway Administration (FHWA) or the Federal Transit Administration (FTA), state and local transportation agencies must demonstrate that the plans, programs, or projects meet the transportation conformity requirements of the CAA as set forth in the transportation conformity rule. Under the transportation conformity rule, transportation plans are expected to conform to the applicable SIP in nonattainment or maintenance areas. The integration of transportation and air quality planning is intended to ensure that transportation plans, programs, and projects will not:

- Cause or contribute to any new violation of any applicable NAAQS.
- Increase the frequency or severity of any existing violation of any applicable NAAQS.
- Delay timely attainment of any applicable NAAQS, any required interim emissions reductions, or other NAAQS milestones.

The transportation conformity determination includes an assessment of future highway emissions for defined analysis years. Emissions are estimated using the latest available planning assumptions and available analytical tools, including EPA's latest approved on-highway mobile sources emissions model, the Motor Vehicle Emission Simulator (MOVES). The conformity determination provides a tabulation of the analysis results for applicable precursor pollutants, showing that the required conformity test was met for each analysis year.

Report Contents

This document includes a summary of the methodology and data assumptions used for the conformity analysis. As shown in **Exhibit 1**, attachments containing additional detail have been provided with the document. In addition, modeling input and output files have been reviewed by EPA Region III and the Pennsylvania Department of Environmental Protection (DEP).

Attachment	Title	Description
A	Project List	Provides a list of regionally significant highway projects for the TIP and LRTP.
В	Detailed Emission Results	Provides a detailed summary of emissions by roadway type.
с	MOVES Sample Run Specification	Provides example MOVES data importer (XML) and run specification (MRS) files.

EXHIBIT 1: SUMMARY OF ATTACHMENTS

National Ambient Air Quality Standard Designations

The CAA requires the EPA to set NAAQS for pollutants considered harmful to public health and the environment. A nonattainment area is any area that does not meet the primary or secondary NAAQS. Once a nonattainment area meets the standards and additional redesignation requirements in the CAA [Section 107(d)(3)(E)], EPA will designate the area as a maintenance area.

Wyoming County is currently designated as part of the *Scranton-Wilkes-Barre, PA* maintenance area under the 1997 8-hour ozone NAAQS. The region is in attainment of the 2008 8-hour ozone, 2006 24-hour PM_{2.5} and 2012 annual PM_{2.5} NAAQS. Transportation conformity requires nonattainment and maintenance areas to demonstrate that all future transportation projects will not prevent an area from reaching its air quality attainment goals.

Ozone is formed by chemical reactions occurring under specific atmospheric conditions. Precursor pollutants that contribute to the formation of ozone include volatile organic compounds (VOC) and oxides of nitrogen (NO_X), both of which are components of vehicle exhaust. VOCs may also be produced through the evaporation of vehicle fuel, as well as by displacement of vapors in the gas tank during refueling. By controlling VOC and NO_X emissions, ozone formation can be mitigated. Both precursor pollutants are analyzed in the transportation conformity process.

1997 and 2008 8-hour Ozone NAAQS

The EPA published the 1997 8-hour ozone NAAQS on July 18, 1997, (62 FR 38856) with an effective date of September 16, 1997. An area was in nonattainment of the 1997 8-hour ozone NAAQS if the 3-year average of the individual fourth highest air quality monitor readings, averaged over 8 hours throughout the day, exceeded the NAAQS of 0.08 parts per million (ppm). On May 21, 2013, the EPA published a rule

revoking the 1997 8-hour ozone NAAQS, for the purposes of transportation conformity, effective one year after the effective date of the 2008 8-hour ozone NAAQS area designations (77 FR 30160).

The EPA published the 2008 8-hour ozone NAAQS on March 27, 2008 (73 FR 16436), with an effective date of May 27, 2008. EPA revised the ozone NAAQS by strengthening the standard to 0.075 ppm. Thus, an area is in nonattainment of the 2008 8-hour ozone NAAQS if the 3-year average of the individual fourth highest air quality monitor readings, averaged over 8 hours throughout the day, exceeds the NAAQS of 0.075 ppm. Wyoming County was designated as an attainment area under the 2008 8-hour ozone NAAQS, effective July 20, 2012 (77 FR 30088).

On February 16, 2018 the D.C. Circuit reached a decision in *South Coast Air Quality Management District v. EPA*, Case No. 15-1115. In that decision, the court vacated major portions of the final rule that established procedures for transitioning from the 1997 ozone NAAQS to the stricter 2008 ozone NAAQS. While the implications of this ruling are being decided, this conformity determination addresses transportation conformity to the 1997 8-hour ozone NAAQS.

2015 8-hour Ozone NAAQS

In October 2015, based on its review of the air quality criteria for ozone and related photochemical oxidants, the EPA revised the primary and secondary NAAQS for ozone to provide requisite protection of public health and welfare, respectively (80 FR 65292). The EPA revised the levels of both standards to 0.070 ppm, and retained their indicators, forms (fourth-highest daily maximum, averaged across three consecutive years) and averaging times (eight hours). Under the Clean Air Act, the EPA administrator is required to make all attainment designations within two years after a final rule revising the NAAQS is published. However, the deadline for EPA to issue designations for the 2015 NAAQS for ozone passed on October 1, 2017. Once designations are final, transportation conformity would be required within 12 months for any areas designated nonattainment under the standard. Wyoming County is expected to be in attainment of the 2015 8-hour ozone NAAQS.

Interagency Consultation

As required by the federal transportation conformity rule, the conformity process includes a significant level of cooperative interaction among federal, state, and local agencies. For this air quality conformity analysis, interagency consultation was conducted as required by the Pennsylvania Conformity SIP. This included conference call(s) or meeting(s) of the Pennsylvania Transportation-Air Quality Work Group (including the Pennsylvania Department of Transportation (PennDOT), DEP, EPA, FHWA, FTA and representatives from larger MPOs within the state).

Meeting and conference calls were conducted on October 4, 2017; January 25, 2018 and April 11, 2018 to review all input planning assumptions, methodologies and analysis years.

Analysis Methodology and Data

This transportation conformity analysis was conducted using EPA's MOVES model. MOVES is an upgrade to EPA's modeling tools and replaces MOBILE6.2 as the official model for estimating emissions from highway vehicles for SIP emission inventories and transportation conformity (75 FR 9411), effective March 2, 2010. MOVES2014a has been used for this conformity determination and is the latest approved model version for SIP and transportation conformity purposes (79 FR 60343).

Planning assumptions are updated following EPA and FHWA joint guidance (EPA420-B-08-901) that clarifies the implementation of the latest planning assumption requirements in 40 CFR 92.110. This analysis utilizes the latest available traffic, vehicle fleet and environmental data to estimate regional highway emissions. Pennsylvania updates state-level planning assumptions on a 3-year cycle and this information is integrated into the conformity analyses. The analysis methodology and data inputs for this analysis were developed through interagency consultation and used available EPA guidance documents that included:

- Policy Guidance on the Use of MOVES2014 for State Implementation Plan Development, Transportation Conformity, and Other Purposes, US EPA Office of Air and Radiation, EPA-420-B-14-008, July 2014.
- MOVES2014 and MOVES2014a Technical Guidance: Using MOVES to Prepare Emission Inventories in State Implementation Plans and Transportation Conformity. US EPA Office of Air and Radiation, and Office of Transportation and Air Quality, EPA-420-B-15-093, November 2015.
- *MOVES2014a User Guide*, US EPA Office of Transportation and Air Quality, EPA-420-B-15-095, November 2015.

A mix of local and national default (internal to MOVES) data is used in the analysis. As illustrated in **Exhibit 2**, local data has been used for data items that have a significant impact on emissions, including: vehicle miles of travel (VMT), vehicle population, congested speeds, and vehicle type mix, as well as environmental and fuel assumptions. Local data inputs to the analysis process reflect the latest available planning assumptions using information obtained from PennDOT, DEP and other local/national sources.

The methodology used for this analysis is consistent with the methodology used to develop SIP inventories. This includes the use of the traffic data from PennDOT's Roadway Management System (RMS) and custom post-processing software (PPSUITE) to calculate hourly speeds and prepare key traffic input files to the MOVES emission model.

PPSUITE consists of a set of programs that perform the following functions:

- Analyzes highway operating conditions.
- Calculates highway speeds.
- Compiles VMT and vehicle type mix data.
- Prepares MOVES runs and processes MOVES outputs.

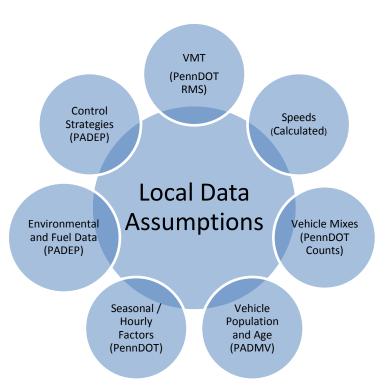


EXHIBIT 2: LOCAL DATA INPUTS USED FOR CONFORMITY RUNS

PPSUITE is a widely used and accepted tool for estimating speeds and processing emissions rates. The PPSUITE tool has been used for developing on-highway mobile source inventories in SIP revisions, control strategy analyses, and conformity analyses in other states. The software was developed to utilize accepted transportation engineering methodologies. The PPSUITE process is integral to producing traffic-related input files to the MOVES emission model. **Exhibit 3** summarizes the key functions of PPSUITE within the emission calculation process. Other MOVES input files are prepared externally to the PPSUITE software, including vehicle population, vehicle age, environmental and fuel input files.

The CENTRAL software is also used in this analysis. CENTRAL is a menu-driven software platform that executes the PPSUITE and MOVES processes in batch mode. The CENTRAL software allows users to execute runs for a variety of input options and integrates custom MySQL steps into the process. CENTRAL provides important quality control and assurance steps, including file naming and storage automation.

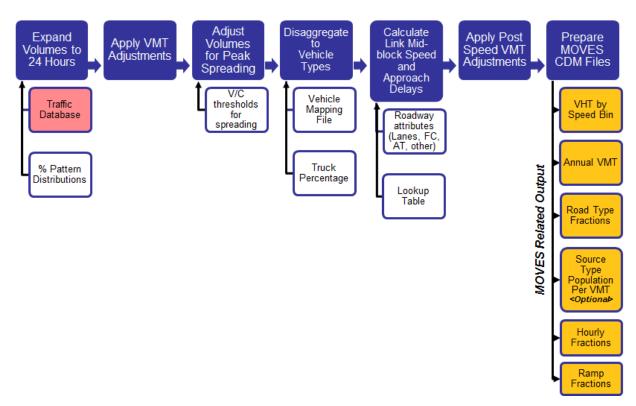


EXHIBIT 3: EMISSION CALCULATION PROCESS

Key MOVES Input Data

A large number of inputs to MOVES are needed to fully account for the numerous vehicle and environmental parameters that affect emissions. These inputs include traffic flow characteristics, vehicle descriptions, fuel parameters, I/M program parameters and environmental variables. MOVES includes a default national database of meteorology, vehicle fleet, vehicle activity, fuel and emission control program data for every county; EPA, however, cannot certify that the default data is the most current or best available information for any specific area. As a result, local data, where available, is recommended for use when conducting a regional conformity analysis. A mix of local and default data is used for this analysis. These data items are discussed in the following sections.

Roadway Data

The roadway data inputs to emissions calculations for this conformity analysis are based on information from the RMS database maintained by PennDOT's Bureau of Planning and Research (BPR). PennDOT obtains this information from periodic visual and electronic traffic counts. RMS data is dynamic, since it is continually reviewed and updated from new traffic counts and field visits conducted by PennDOT. Information on roadways included in the USDOT National Highway System is reviewed, at minimum, on an annual basis, while information on other roadways is reviewed at least biennially. On a triennial basis,

a current "snapshot" of the RMS database is taken and downloaded to provide an updated record of the Commonwealth's highway system for estimating emissions. The RMS database contains all state highways, including the Pennsylvania Turnpike, divided into segments approximately 0.5 miles in length. These segments are usually divided at important intersections or locations where there is a change in the physical characteristics of the roadway (e.g. the number of lanes changes). There are approximately 82,000 state highway segments across all 67 Pennsylvania counties. The following information is extracted from RMS for emission calculations:

- Lanes.
- Distances.
- Volumes representing Average Annual Daily Traffic (AADT).
- Truck percentages.
- PennDOT urban/rural classifications.
- PennDOT functional class codes.
- Number of signals (based on linkage to PennDOT's Geographic Information System (GIS) signal location data).

RMS volumes and distances are used in calculating highway VMT totals for each county. As discussed in the next section, adjustments are needed to convert the volumes to an average summer weekday, winter weekday, and monthly day (including weekends and weekdays), as applicable to the pollutant/precursor being analyzed. In addition, the traffic volumes must be forecast to support future years. Lane values and traffic signals are important inputs for determining the congestion and speeds for individual highway segments. Truck percentages are used in the speed determination process in order to split volumes to individual vehicle types used by MOVES software. Road segments are classified not only by function, but also by whether it is located in an urban, small urban or rural area. The PennDOT urban/rural (UR) and functional classes (FC) designations are important indicators of the type and function of each roadway segment. These variables provide valuable insights into other characteristics not contained in the RMS data, which are used for speed and emission calculations.

VMT forecast growth rates are based on PennDOT's VMT forecasting system, as documented in the report "Statistical Evaluation of Projected Traffic Growth, Traffic Growth Forecasting System: Final Report, March 14, 2005". The PennDOT forecasting system includes the development of VMT forecasts and growth rates for four functional classifications in each Pennsylvania county: urban interstate, urban non-interstate, rural interstate, and rural non-interstate. The forecasts use statistical relationships based on historic Highway Performance Monitoring System (HPMS) VMT trends and future county socioeconomic Economics, projections based on the 2014 Woods and Poole Inc. State Profile (http://www.woodsandpoole.com/). The statistical models incorporate historical VMT trends, socioeconomic data (households, mean household income), and a relative measure of transportation capacity (lane miles per capita). PennDOT's BPR maintains and updates these growth rates on a periodic basis based on new demographic projections and updated information on HPMS VMT. The results of the updated VMT forecasts have been shared with the participants in the Pennsylvania Transportation-Air Quality Working Group.

Other Supporting Traffic Data

Other traffic data is used to adjust and disaggregate traffic volumes. Key sources used in these processes include the following:

- Highway Performance Monitoring System (HPMS VMT): According to EPA guidance, baseline inventory VMT computed from the RMS must be adjusted to be consistent with HPMS VMT totals. The VMT contained in the HPMS reports are considered to represent average annual daily traffic (AADT), an average of all days in the year, including weekends and holidays. Adjustment factors are used to adjust roadway data VMT to be consistent with the reported HPMS totals, and are applied to all county and facility group combinations within the region. These adjustments are important to account for local roadway VMT not represented within the RMS.
- Seasonal Factors: The traffic volumes estimated from the RMS are adjusted to summer or average monthly conditions (as needed for annual processing), using seasonal adjustment factors prepared by PennDOT's BPR in their annual traffic data report published on the BPR website (<u>http://www.dot.state.pa.us/</u> Search: Research and Planning). The seasonal factors are also used to develop MOVES daily and monthly VMT fraction files, allowing MOVES to determine the portion of annual VMT that occurs in each month of the year.
- *Hourly Patterns*: Speeds and emissions vary considerably depending on the time of day. In order to produce accurate emission estimates, it is important to estimate the pattern by which roadway volume varies by breaking the data down into hourly increments. Pattern data is in the form of a percentage of the daily volumes for each hour. Distributions are provided for all the counties within the region and by each facility type grouping. The hourly pattern data has been developed from 24-hour vehicle count data compiled by PennDOT's BPR, using the process identified in PennDOT's annual traffic data report. The same factors are also used to develop the MOVES hourly fraction file.

Vehicle Class

Emission rates within MOVES also vary significantly by vehicle type. MOVES produces emission rates for thirteen MOVES vehicle source input types. VMT, however, is input to MOVES by six HPMS vehicle groups (note that passenger cars and light trucks are grouped for input to MOVES2014). **Exhibit 4** summarizes the distinction between each classification scheme.

<u>SOUR</u>	<u>CE TYPES</u>	HPMS Class Gr	oups
11	Motorcycle	10	Motorcycle
21	Passenger Car	25	Passenger Car
31	Passenger Truck	25	Passenger/Light Truck
32	Light Commercial Truck	40	Buses
41	Intercity Bus	50	Single Unit Trucks
42	Transit Bus	60	Combination Trucks
43	School bus		
51	Refuse Truck		
52	Single Unit Short-haul Truck		
53	Single Unit Long-haul Truck		
54	Motor Home		
61	Combination Short-haul Truck		
62	Combination Long-haul Truck		

EXHIBIT 4: MOVES SOURCE TYPES AND HPMS VEHICLE GROUPS

The emissions estimation process includes a method to disaggregate the traffic volumes to the thirteen source types and then to recombine the estimates to the six HPMS vehicle classes. Vehicle type pattern data is used by PPSUITE to distribute the hourly roadway segment volumes among the thirteen MOVES source types. Similar to the 24-hour pattern data, this data contains percentage splits to each source type for every hour of the day. The vehicle type pattern data is developed from several sources of information:

- PennDOT truck percentages from the RMS database.
- Hourly distributions for trucks and total traffic compiled by PennDOT's BPR.
- Transit data from PennDOT and the National Transit Database Transit Profiles (<u>https://www.ntdprogram.gov</u>).
- School bus registration data from PennDOT's Bureau of Motor Vehicles Registration Database.

Vehicle type percentages are also input into the capacity analysis section of PPSUITE to adjust the speeds in response to truck volume. Larger trucks take up more roadway space compared to an equal number of cars and light trucks, which is accounted for in the speed estimation process by adjusting capacity using information from the Transportation Research Board's fifth edition of the *Highway Capacity Manual*. (http://hcm.trb.org/).

Vehicle Ages

Vehicle age distributions are input to MOVES for each of the thirteen source types. These distributions reflect the percentage of the vehicle fleet falling under each vehicle model year (MY), to a maximum age of 31 years. The vehicle age distributions were prepared from the most recently available registration download from PennDOT's Bureau of Motor Vehicles Registration Database. Due to data limitations, information for light duty vehicles (including source types 11, 21, 31 and 32) was used as local data for

MOVES inputs, while heavy-duty vehicles (including source types 41, 42, 43, 51, 52, 53, 54, 61, and 62) used the internal MOVES national default data. The registration data download is based on MOBILE6.2 vehicle categories. The data was converted to source types using the EPA convertor spreadsheets provided with the MOVES emission model.

Vehicle Population

The vehicle population information, including the number and age of vehicles, impacts forecasted start and evaporative emissions within MOVES. Similar to vehicle ages, MOVES requires vehicle populations for each of the thirteen source type categories. County vehicle registration data was used to estimate vehicle population for light-duty vehicles, transit buses, and school buses. Other heavy-duty vehicle population values were based on VMT for each source type using the vehicle mix and pattern data discussed previously. PPSUITE automatically applies MOVES default ratios of VMT and source type population (e.g. the number of miles per vehicle by source type) to the local VMT estimates to produce vehicle population.

For the preparation of source type population for other required conformity analysis years, base values were adjusted using forecast population and household data for the area. Growth rates were limited so as to not exceed the VMT growth assumptions.

Meteorology Data

Average monthly minimum temperatures, maximum temperatures, and humidity values are consistent with the regional State Implementation Plan (SIP) modeling conducted by DEP. The data was obtained from WeatherBank, Inc. EPA's MOBILE6.2-MOVES meteorological data convertor spreadsheet (<u>http://www.epa.gov/oms/models/moves/tools.htm</u>) was used to prepare the hourly temperature inputs needed for the MOVES model, based on the available data.

Fuel Parameters

The MOVES default fuel formulation and fuel supply data were reviewed and updated based on available local volumetric fuel property information. The gasohol market penetration and Reid Vapor Pressure (RVP) values were updated, but MOVES default data was used for the remaining parameters. Key assumptions include:

- 10.0 RVP used for summer months [Local data].
- 10% ethanol used throughout the year [MOVES defaults].

I/M Program Parameters

The inspection maintenance (I/M) program inputs to the MOVES model are based on previous and current programs within each county (all PA I/M programs are based on county boundaries). All analysis years include Pennsylvania's statewide I/M program. The default I/M program parameters included in MOVES were examined for each county and necessary changes were made to the default parameters to match the actual local program.

The I/M program requirements vary by region (five regions) and include on-board diagnostics (OBD) technology that uses the vehicle's computer for model years 1996 and newer to identify potential engine and exhaust system problems that could affect emissions. The program, named PAOBDII, is implemented by region as follows:

- *Philadelphia Region* Bucks, Chester, Delaware, Montgomery and Philadelphia Counties [Includes tailpipe exhaust testing using ASM2015 or equipment for pre-1996 vehicles up to 25 years old]
- *Pittsburgh Region* Allegheny, Beaver, Washington and Westmoreland Counties. [Includes tailpipe exhaust testing using PA 97 equipment for pre-1996 vehicles up to 25 years old]
- South Central and Lehigh Valley Region Berks, Cumberland, Dauphin, Lancaster, Lebanon, Lehigh, Northampton and York Counties. [Gas cap and visual inspection only]
- North Region Blair, Cambria, Centre, Erie, Lackawanna, Luzerne, Lycoming, and Mercer Counties. [Gas cap and visual inspection only]
- Other 42 Counties Includes the remaining 42 counties not included above. [Visual inspection only]

Other Vehicle Technology and Control Strategy Data

Current federal vehicle emissions control and fuel programs are incorporated into the MOVES software. These include the National Program standards covering vehicles MY2012-MY2025. Modifications of default emission rates are required to reflect the early implementation of the National Low Emission Vehicle (NLEV) Program in Pennsylvania. To reflect these impacts, EPA has released instructions and input files that can be used to model these impacts.

The Pennsylvania Clean Vehicles (PCV) Program, adopted in 1998, incorporated the California Low Emission Vehicle Regulations (CA LEV) by reference. The PCV Program allowed automakers to comply with the NLEV program as an alternative to this Pennsylvania program until MY2006. Beginning with MY2008, all "new" passenger cars and light-duty trucks with a gross vehicle weight rating (GVWR) of 8,500 pounds or less sold/leased and titled in Pennsylvania must be certified by the California Air Resources Board (CARB) or be certified for sale in all 50 states. For this program, a "new" vehicle is a qualified vehicle with an odometer reading less than 7,500 miles. DEP and PennDOT both work with the public, including manufacturers, vehicle dealers and consumers, to ensure that vehicles sold and purchased in Pennsylvania or vehicles purchased from other states by Pennsylvania residents comply with the requirements of the PCV Program, in order to be titled in Pennsylvania. Additionally, PennDOT ensures that paperwork for title and registration includes proof of CARB- or 50-state emission certification or that the vehicle owner qualifies for an exemption to the requirements, as listed on PennDOT's MV-9 form and in the PCV Program regulation. When necessary, information from PennDOT's title and registration process may be used to audit vehicle title transactions to determine program compliance.

The impacts of this program are modeled for all analysis years beyond 2008 using the same instructions and tools downloaded for the early NLEV analysis. EPA provided input files to reflect state programs

similar to the CAL LEV program. Modifications to those files were made to reflect a 2008 program start date for Pennsylvania.

Analysis Process Details

The previous sections have summarized the input data used for computing speeds and emission rates for this conformity analysis. This section explains how PPSUITE and MOVES use that input data to produce emission estimates. **Exhibit 5** provides a more detailed overview of the PPSUITE analysis procedure using the available traffic data information described in the previous sections.

VMT Preparation

Producing an emissions inventory with PPSUITE requires a process of disaggregation and aggregation. Data is available and used on a very detailed scale – individual roadway segments for each of the 24 hours of the day. This data needs to be processed individually to determine the distribution of vehicle hours of travel (VHT) by speed and then aggregated by vehicle class to determine the input VMT to the MOVES emission model. Key steps in the preparation of VMT include:

- Assemble VMT The RMS database contains the roadway segments, distances and travel volumes needed to estimate VMT. PPSUITE processes each segment by simply multiplying the assigned travel volume by the distance to obtain VMT.
- Apply Seasonal Adjustments PPSUITE adjusts the traffic volumes to the appropriate analysis season. These traffic volumes are assembled by PPSUITE and extrapolated over the course of a year to produce the annual VMT file input to MOVES.
- *Disaggregate to Hours* After seasonal adjustments are applied, the traffic volumes are distributed to each hour of the day. This allows for more accurate speed calculations (effects of congested hours) and allows PPSUITE to prepare the hourly VMT and speeds for input to MOVES.
- *Peak Spreading* After distributing the daily volumes to each hour of the day, PPSUITE identifies hours that are unreasonably congested. For those hours, PPSUITE then spreads a portion of the volume to other hours within the same peak period, thereby approximating the "peak spreading" that normally occurs in such over-capacity conditions. This process also helps prevent hours with unreasonably congested speeds from disproportionately impacting emission calculations.
- Disaggregation to Vehicle Types EPA requires VMT estimates to be prepared by the six HPMS vehicle groups, reflecting specific local characteristics. As described in the previous section, the hourly volumes are disaggregated into thirteen MOVES source types based on data from PennDOT and NTD, in combination with MOVES defaults. The thirteen MOVES source types are then recombined into six HPMS vehicle classes.
- Apply HPMS VMT Adjustments Volumes must also be adjusted to account for differences with the HPMS VMT totals, as described in previous sections. VMT adjustment factors are provided as inputs to PPSUITE and are applied to each of the roadway segment volumes. VMT adjustment factors are also applied to runs for future years.

• Apply VMT Growth Adjustments - Volumes must also be adjusted to estimate future year VMT. VMT growth factors are provided as inputs to PPSUITE, and are applied to each of the roadway segment volumes. The VMT growth factors were developed from the PennDOT BPR Growth Rate forecasting system.

Speed Estimation

Emissions for many pollutants (including VOC and NO_x) vary significantly with travel speed. VOC emissions generally decrease as speed increases, while NO_x emissions decrease at low speeds and increases at higher speeds, as illustrated in **Exhibit 6**. Because emissions are so sensitive to speed changes, EPA recommends special attention be given to developing reasonable and consistent speed estimates. EPA also recommends that VMT be disaggregated into subsets that have roughly equal speeds, with separate emission factors for each subset. At a minimum, speeds should be estimated separately by road type.

The computational framework used for this analysis meets and exceeds the recommendation above relating to speed estimates. Speeds are individually calculated for each roadway segment and hour. Rather than accumulating the roadway segments into a particular road type and calculating an average speed, each individual link hourly speed is represented in the MOVES vehicle hours of travel (VHT) by a speed bin file. This MOVES input file allows the specification of a distribution of hourly speeds. For example, if 5% of a county's arterial VHT operates at 5 mph during the AM peak hour and the remaining 95% operates at 65 mph, this can be represented in the MOVES speed input file. For the roadway vehicle emissions calculations, speed distributions are input to MOVES by road type and source type for each hour of the day.

To calculate speeds, PPSUITE first obtains initial capacities (i.e., how much volume the roadway can serve before heavy congestion) and free-flow speeds (speeds assuming no congestion) from a speed/capacity lookup table. As described previously, this data contains default roadway information indexed by the area and facility type codes. For areas with known characteristics, values can be directly coded to the database and the speed/capacity default values can be overridden. For most areas where known information is unavailable, the speed/capacity lookup tables provide valuable default information regarding speeds, capacities, signal characteristics, and other capacity adjustment information used for calculating congested delays and speeds. The result of this process is an estimated average travel time for each hour of the day for each highway segment. The average travel time multiplied by traffic volume produces vehicle hours of travel (VHT).

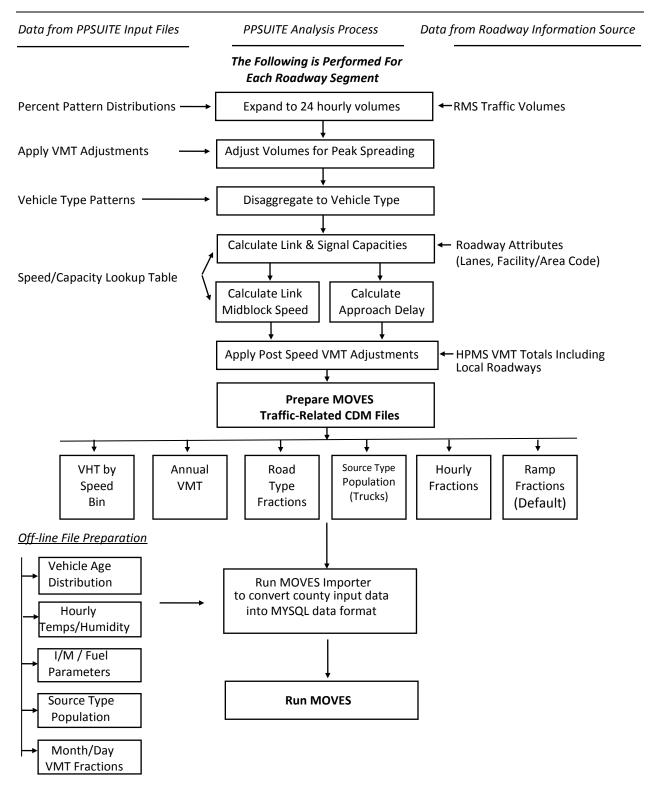


EXHIBIT 5: PPSUITE SPEED/EMISSION ESTIMATION PROCEDURE

MOVES Urban Restricted — MOVES Rural Restricted

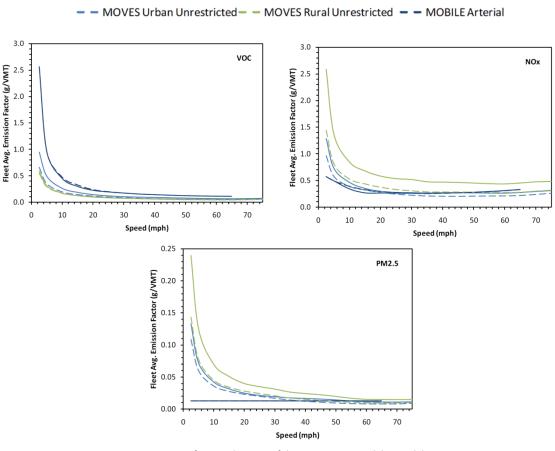


EXHIBIT 6: EMISSION FACTOR VS. SPEED VARIANCES (VOC, NOX, AND PM2.5)

— MOBILE Freeway

Source: Figure 3 from Implications of the MOVES2010 Model on Mobile Source Emission Estimates, Air & Waste Management Association, July 2010.

Developing the MOVES Traffic Input Files

The PPSUITE software is responsible for producing the following MOVES input files during any analysis run:

- VMT by HPMS vehicle class.
- VHT by speed bin.
- Road type distributions.
- Hourly VMT fractions.
- Ramp fractions.

These files are text formatted files with a *.csv extension. The files are provided as inputs within the MOVES County Data Manager (CDM) and are described below:

- *VMT Input File*: VMT is the primary traffic input affecting emission results. The roadway segment distances and traffic volumes are used to prepare estimates of VMT. PPSUITE performs these calculations and outputs the MOVES annual VMT input file to the County Data Manager (CDM). The annual VMT is computed by multiplying the RMS adjusted VMT by 365 days (366 days in a leap year).
- VHT by Speed Bin File: As described in the previous section, the PPSUITE software prepares the MOVES VHT by speed bin file, which summarizes the distribution of speeds across all links into each of the 16 MOVES speed bins for each hour of the day by road type. This robust process is consistent with the methods and recommendations provided in EPA's technical guidance for the MOVES2014 model (http://www.epa.gov/otaq/models/moves/) and ensures that MOVES emission rates are used to the fullest extent.
- *Road Type Distributions*: Within MOVES, typical drive cycles and associated operating conditions vary by roadway type. MOVES defines five different roadway types as follows:
 - 1 Off-Network.
 - 2 Rural Restricted Access.
 - 3 Rural Unrestricted Access.
 - 4 Urban Restricted Access.
 - 5 Urban Unrestricted Access.

For this analysis, the MOVES road type distribution file is automatically generated by PPSUITE using defined equivalencies. The off-network road type includes emissions from vehicle starts, extended idling, and evaporative emissions. Off-network activity in MOVES is primarily determined by the Source Type Population input.

• *Ramp Fractions*: Since ramps are not directly represented within the RMS database, the assumption is that 8% of total Freeway VHT is Ramp VHT, consistent with EPA's technical guidance.

MOVES Runs

After computing speeds and aggregating VMT and VHT, PPSUITE prepares traffic-related inputs needed to run EPA's MOVES software. Additional required MOVES inputs are prepared externally from the processing software and include temperatures, I/M program parameters, fuel characteristics, vehicle fleet age distributions, and source type population. The MOVES county importer is run in batch mode. This program converts all data files into the MySQL format used by the MOVES model. At that point, a MOVES run specification file (*.mrs) is created which specifies options and key data locations for the run. The MOVES run is then executed in batch mode. A summary of key MOVES run specification settings is shown in **Exhibit 7**. MOVES can be executed using either an inventory or rate-based approach. For this analysis, MOVES is applied using the *inventory-based* approach. Using this approach, actual VMT and population are provided as inputs to the model; MOVES is responsible for producing the total emissions for the region.

Parameter	Setting
MOVES Version	MOVES2014a
MOVES Default Database Version	MOVESDB20161117
Scale	COUNTY
Analysis Mode	Inventory
Time Span	July Weekday Runs: July month, Weekday, 24 hours
Time Aggregation	Hour
Geographic Selection	County [FIPS]
Vehicle Selection	All source types Gasoline, Diesel, CNG, E85
Road Type	All road types including off-network
Pollutants and Processes	NO _X , VOC
Database selection	Early NLEV database PA-Specific CAL LEV program database
General Output	Units: Emission = grams; Distance = miles; Time = hours; Energy = Million BTU
Output Emissions	Time = Hour, Emissions by Process ID, Source Type and Road Type

Conformity Analysis Results

A transportation conformity analysis of the current TIP and LRTP has been completed for Wyoming County. The analyses were performed according to the requirements of the Federal transportation conformity rule at 40 CFR Part 93, Subpart A. The analyses utilized the methodologies, assumptions and data as presented in previous sections. Interagency consultation has been used to determine applicable emission models, analysis years and emission tests.

Emission Tests

A SIP maintenance plan for the *Scranton-Wilkes-Barre, PA* nonattainment area was approved on November 19, 2007 (72 FR 64948) under the 1997 8-hour ozone NAAQS. On August 11, 2009 (74 FR 40083), EPA established separate MVEBs for each MPO/RPO in the maintenance area. The ozone conformity analysis has been conducted to evaluate emissions in comparison to the applicable ozone MVEBs as summarized in **Exhibit 8**.

EXHIBIT 8: 8-HOUR OZONE MOTOR VEHICLE EMISSION BUDGETS (WYOMING COUNTY)

County / Pollutant	2009 Budget (tons/day)	2018 Budget (tons/day)
VOC	0.99	0.54
NOx	1.54	0.68

Analysis Years

Section 93.119(g) of the Federal Transportation Conformity Regulations requires that emissions analyses be conducted for specific analysis years as follows:

- > The last year of the LRTP's forecast period.
- > The attainment year of the standard if within timeframe of TIP and LRTP.
- > An intermediate year or years such that if there are two years in which analysis is performed, the two analysis years are no more than ten years apart.

All analysis years were determined through the interagency consultation process. **Exhibit 9** provides the analysis years used for this conformity analysis.

EXHIBIT 9: TRANSPORTATION CONFORMITY ANALYSIS YEARS

Analysis Year	Description
2022	Interim Year – Last Year of TIP
2025	Budget Year
2035	Interim Year
2040	Last Year of LRTP

Regionally Significant Highway Projects

For the purposes of conformity analysis, highway networks are created for each analysis year. For the horizon years, regionally significant projects from the LRTP were coded onto the networks. Detailed assessments were only performed for those new projects which may have a significant effect on emissions in accordance with 40 CFR Parts 51 and 93. Only those projects which would increase capacity or significantly impact vehicular speeds were considered. Projects such as bridge replacements and roadway restoration projects, which constitute the majority of the TIP and LRTP list, have been excluded from consideration since they are considered exempt under 40 CFR 93.126-127. A list of highway projects is shown in **Attachment A**.

Analysis Results

An emissions analysis has been completed for the 1997 8-hour ozone NAAQS. **Exhibit 10** summarizes the Wyoming County ozone emission results for a summer weekday in each analysis year. All years are lower than the applicable conformity budgets established in the regional maintenance plan for the 1997 ozone NAAQS. A detailed emission summary is also provided in **Attachment B**. Example MOVES importer (XML) and run specification (MRS) files are provided in **Attachment C**.

Pollutant	2018 BUDGET (tons/day)	2022 (tons/day)	2025 (tons/day)	2035 (tons/day)	2040 (tons/day)
VOC	0.54	0.36	0.28	0.16	0.14
NO _X	0.68	0.64	0.46	0.22	0.20
Conformity Result		Pass	Pass	Pass	Pass

EXHIBIT 10: OZONE EMISSION ANALYSIS RESULTS AND CONFORMITY TEST (Summer Weekday)

Conformity Determination

Financial Constraint

The planning regulations, Sections 450.322(b)(11) and 450.324(e), require the transportation plan to be financially constrained while the existing transportation system is being adequately operated and maintained. Only projects for which construction and operating funds are reasonably expected to be available are included. The Northern Tier RPO, in conjunction with PennDOT, FHWA and FTA, has developed an estimate of the cost to maintain and operate existing roads, bridges and transit systems in the RPO region and have compared the cost with the estimated revenues and maintenance needs of the new roads over the same period. The TIP and LRTP have been determined to be financially constrained.

Public Participation

The TIP and LRTP have undergone the public participation requirements as well as the comment and response requirements according to the procedures established in compliance with 23 CFR part 450, Northern Tier RPO's Public Participation Plan, and Pennsylvania's Conformity SIP. The draft document was made available for a 30-day public review and comment period, which included a public meeting.

Conformity Statement

The conformity rule requires that the TIP and LRTP conform to the applicable SIP(s) and be adopted by the MPO/RPO before any federal agency may approve, accept, or fund projects. Conformity is determined by applying criteria outlined in the transportation conformity regulations to the analysis.

The TIP and LRTP for the Northern Tier RPO area is found to conform to the applicable air quality SIP(s) or EPA conformity requirements. This finding of conformity positively reflects on the efforts of the Northern Tier RPO and its partners in meeting the regional air quality goals, while maintaining and building an effective transportation system.

Resources

MOVES Model

Modeling Page within EPA's Office of Mobile Sources Website contains a downloadable model, MOVES users guide and other information. See (<u>http://www.epa.gov/omswww/models.htm</u>)

Policy Guidance on the Use of MOVES2014 for State Implementation Plan Development, Transportation Conformity, and Other Purposes, US EPA Office of Air and Radiation, EPA-420-B-14-008, July 2014.

MOVES2014 and MOVES2014a Technical Guidance: Using MOVES to Prepare Emission Inventories in State Implementation Plans and Transportation Conformity. US EPA Office of Air and Radiation, and Office of Transportation and Air Quality, EPA-420-B-15-093, November 2015.

MOVES2014a User Guide, US EPA Office of Transportation and Air Quality, EPA-420-B-15-095, November 2015.

Traffic Engineering

Highway Capacity Manual, fifth edition (HCM2010), Transportation Research Board, presents current knowledge and techniques for analyzing the transportation system.

Traffic Data Collection and Factor Development Report, 2014 Data, Pennsylvania Department of Transportation, Bureau of Planning and Research.

Highway Vehicle Emissions Analysis Glossary

AADT: Average Annual Daily Traffic, average of ALL days.

CAA: Clean Air Act as amended.

CARB: California Air Resources Board.

CFR: Code of Federal Regulations.

County Data Manager (CDM): User interface developed to simplify importing specific local data for a single county or a user-defined custom domain without requiring direct interaction with the underlying MySQL database in the MOVES emission model.

DEP: Department of Environmental Protection.

Emission rate or factor: Expresses the amount of pollution emitted per unit of activity. For highway vehicles, this is usually expressed in grams of pollutant emitted per mile driven.

EPA: Environmental Protection Agency.

FC: Functional code. Applied to road segments to identify their type (freeway, local, etc.).

FHWA: Federal Highway Administration.

FR: Federal Register.

FTA: Federal Transit Administration.

Growth factor: Factor used to convert volumes to future years.

HPMS: Highway Performance Monitoring System.

I/M: Vehicle emissions inspection/maintenance programs are required in certain areas of the country. The programs ensure that vehicle emission controls are in good working order throughout the life of the vehicle. The programs require vehicles to be tested for emissions. Most vehicles that do not pass must be repaired.

LRTP: Long Range Transportation Plan

MOVES: Motor Vehicle Emission Simulator. The latest model EPA has developed to estimate emissions from highway vehicles.

MVEB: motor vehicle emissions budget.

NAAQS: National Ambient Air Quality Standard.

Pattern data: Extrapolations of traffic patterns (such as how traffic volume on road segment types varies by time of day, or what kinds of vehicles tend to use a road segment type) from segments with observed data to similar segments.

PPSUITE: Post-Processor for Air Quality. A set of programs that estimate speeds and prepares MOVES inputs and processes MOVES outputs.

Road Type: Functional code, applied in data management to road segments to identify their type (rural/urban highways, rural/urban arterials, etc.).

RMS: Roadway Management System.

SIP: State Implementation Plan.

Source Type: One of thirteen vehicle types used in MOVES modeling.

VHT: Vehicle hours traveled.

VMT: Vehicle miles traveled. In modeling terms, it is the simulated traffic volumes multiplied by link length.

VOC: volatile organic compound emissions.

ATTACHMENT A

Project List

The following TIP/LRTP air quality significant highway project is included in this analysis.

There are no air quality significant TIP or LRTP projects in Wyoming County.

ATTACHMENT B

Detailed Emission Results

Detailed Emission Results for Ozone Analysis

Wyoming County Ozone Daily Emission Summary 2022 FFY19 Conformity (By Road Type)

County	Road Type	Summer Daily	Speed	Emissions (Tons/Day)	
	Rodu Type	VMT	(mph)	VOC	NOx
Wyoming	Off-Network Rural Restricted Rural UnRestricted Urban Restricted Urban UnRestricted Subtotal	N/A 0 922,698 0 13,429 936,126	N/A N/A 44.9 N/A 35.8	0.27 0.00 0.08 0.00 0.00 0.36	0.13 0.00 0.51 0.00 0.01 0.64
Off-Model Project Emission Benefits				0.00	0.00
Region Total		936,126	(Kg/Day)	0.36 324	0.64 584

Wyoming County Ozone Daily Emission Summary 2022 FFY19 Conformity (By Source Type)

County	Source Type	Summer Daily	Emissions (Tons/Day)	
county	Source Type	VMT	VOC	NOx
	Motorcycle	5,652	0.01	0.00
	Passenger Car	444,854	0.10	0.07
	Passenger Truck	290,132	0.17	0.19
	Light Commercial Truck	73,527	0.04	0.05
	Intercity Bus	204	0.00	0.00
	Transit Bus	1,853	0.00	0.01
Mucming	School Bus	600	0.00	0.00
Wyoming	Refuse Truck 2,030		0.00	0.01
	Single Unit Short-haul Truck 41,9		0.01	0.05
	Single Unit Long-haul Truck 2,293		0.00	0.00
	Motor Home	1,599	0.00	0.00
	Combination Short-haul Truck	16,252	0.00	0.04
	Combination Long-haul Truck 55,216		0.01	0.22
	Subtotal	936, 126	0.36	0.64
Off-Model Project Emission Benefits			0.00	0.00
Region Total		936,126	0.36	0.64
		(Kg/Day)	324	584

County	Emission Process	Emissions (Tons/Day)
obuilty	Linision Process	VOC	NOx
	Running Exhaust	0.06	0.51
	Start Exhaust	0.16	0.13
	Brakewear	0.00	0.00
	Tirewear	0.00	0.00
	Evap Permeation	0.02	0.00
	Evap Fuel Vapor Venting	0.06	0.00
Wyoming	Evap Fuel Leaks	0.05	0.00
	Crankcase Running Exhaust	0.00	0.00
	Crankcase Start Exhaust	0.00	0.00
	Crankcase Extended Idle Exhaust	0.00	0.00
	Extended Idle Exhaust	0.00	0.00
	Auxiliary Power Exhaust	0.00	0.00
	Subtotal	0.36	0.64
Off-Model Project Emission Benefits		0.00	0.00
Region Total		0.36	0.64
	(Kg/Day)	324	584

Wyoming County Ozone Daily Emission Summary 2022 FFY19 Conformity (By Emission Process)

Wyoming County Ozone Daily Emission Summary 2025 FFY19 Conformity (By Road Type)

County	Road Type	Summer Daily	Speed	Emissions (Tons/Day)	
	Noud Type	VMT	(mph)	VOC	NOx
	Off-Network	N/A	N/A	0.22	0.10
	Rural Restricted	0	N/A	0.00	0.00
Wwoming	Rural UnRestricted	935,255	44.9	0.06	0.36
Wyoming	Urban Restricted	0	N/A	0.00	0.00
	Urban UnRestricted	13,588	35.8	0.00	0.01
	Subtotal	948,844		0.28	0.46
Off-Model Project Emission Benefits				0.00	0.00
Region Total		948,844		0.28	0.46
			(Kg/Day)	254	419

County	Source Type	Summer Daily	Emissions (Tons/Day)	
obuilty	oburee Type	VMT	VOC	NOx
	Motorcycle	5,728	0.01	0.00
	Passenger Car	450,843	0.09	0.05
	Passenger Truck	294,005	0.13	0.12
	Light Commercial Truck	74,537	0.03	0.03
	Intercity Bus	207	0.00	0.00
	Transit Bus	1,884	0.00	0.00
Wyoming	School Bus	606	0.00	0.00
wyoning	Refuse Truck 2,027		0.00	0.00
	Single Unit Short-haul Truck 42,547		0.01	0.04
	Single Unit Long-haul Truck 2,337		0.00	0.00
	Motor Home 1,619		0.00	0.00
	Combination Short-haul Truck	16,446	0.00	0.03
	Combination Long-haul Truck 56,059		0.01	0.16
	Subtotal	948,844	0.28	0.46
Off-Model Project Emission Benefits			0.00	0.00
Region Total		948,844	0.28	0.46
		(Kg/Day)	254	419

Wyoming County Ozone Daily Emission Summary 2025 FFY19 Conformity (By Source Type)

Wyoming County Ozone Daily Emission Summary 2025 FFY19 Conformity (By Emission Process)

County	Emission Process	Emissions (Tons/Day)
County	Linisalon i rocess	VOC	NOx
	Running Exhaust	0.04	0.37
	Start Exhaust	0.12	0.10
	Brakewear	0.00	0.00
	Tirewear	0.00	0.00
	Evap Permeation	0.01	0.00
	Evap Fuel Vapor Venting	0.05	0.00
Wyoming	Evap Fuel Leaks	0.05	0.00
	Crankcase Running Exhaust	0.00	0.00
	Crankcase Start Exhaust	0.00	0.00
	Crankcase Extended Idle Exhaust	0.00	0.00
	Extended Idle Exhaust	0.00	0.00
	Auxiliary Power Exhaust	0.00	0.00
	Subtotal	0.28	0.46
Off-Model Project Emission Benefits		0.00	0.00
Region Total		0.28	0.46
	(Kg/Day)	254	419

County	Road Type	Summer Daily	Speed	Emissions (Tons/Day)	
	nouu Typo	VMT	(mph)	VOC	NOx
Wyoming	Off-Network Rural Restricted Rural UnRestricted Urban Restricted Urban UnRestricted Subtotal	N/A 0 978,203 0 14,063 992,266	N/A N/A 44.8 N/A 35.7	0.12 0.00 0.04 0.00 0.00 0.16	0.04 0.00 0.17 0.00 0.00 0.22
Off-Model Project Emission Benefits				0.00	0.00
Region Total		992,266	(Kg/Day)	0.16 142	0.22 197

Wyoming County Ozone Daily Emission Summary 2035 FFY19 Conformity (By Road Type)

Wyoming County Ozone Daily Emission Summary 2035 FFY19 Conformity (By Source Type)

County	Source Type	Summer Daily	Emissions (Tons/Day)	
county	VMT		VOC	NOx
	Motorcycle	5,990	0.01	0.00
	Passenger Car	471,487	0.05	0.03
	Passenger Truck	307,465	0.06	0.04
	Light Commercial Truck	77,923	0.02	0.01
	Intercity Bus	211	0.00	0.00
	Transit Bus	1,988	0.00	0.00
Www.	School Bus	619	0.00	0.00
Wyoming	Refuse Truck	2,155	0.00	0.00
	Single Unit Short-haul Truck	44,486	0.01	0.03
	Single Unit Long-haul Truck	2,418	0.00	0.00
	Motor Home	1,694	0.00	0.00
	Combination Short-haul Truck	17,149	0.00	0.02
	Combination Long-haul Truck	58,680	0.00	0.08
	Subtotal	992,266	0.16	0.22
Off-Model Project Emission Benefits			0.00	0.00
Region Total		992,266	0.16	0.22
		(Kg/Day)	142	197

County	Emission Process	Emissions (Tons/Day)		
County	Linision rocess	VOC	NOx	
	Running Exhaust	0.02	0.18	
	Start Exhaust	0.05	0.04	
	Brakewear	0.00	0.00	
	Tirewear	0.00	0.00	
	Evap Permeation	0.01	0.00	
	Evap Fuel Vapor Venting	0.03	0.00	
Wyoming	Evap Fuel Leaks	0.05	0.00	
	Crankcase Running Exhaust	0.00	0.00	
	Crankcase Start Exhaust	0.00	0.00	
	Crankcase Extended Idle Exhaust	0.00	0.00	
	Extended Idle Exhaust	0.00	0.00	
	Auxiliary Power Exhaust	0.00	0.00	
	Subtotal	0.16	0.22	
Off-Model Project Emission Benefits		0.00	0.00	
Region Total		0.16	0.22	
	(Kg/Day)	142	197	

Wyoming County Ozone Daily Emission Summary 2035 FFY19 Conformity (By Emission Process)

Wyoming County Ozone Daily Emission Summary 2040 FFY19 Conformity (By Road Type)

County	Road Type S	Summer Daily	Speed (mph)	Emissions (Tons/Day)	
		VMT		VOC	NOx
Wyoming	Off-Network	N/A	N/A	0.10	0.03
	Rural Restricted	0	N/A	0.00	0.00
	Rural UnRestricted	1,000,386	44.7	0.03	0.16
	Urban Restricted	0	N/A	0.00	0.00
	Urban UnRestricted	14,314	35.7	0.00	0.00
	Subtotal	1,014,700		0.14	0.20
Off-Model Project Emission Benefits				0.00	0.00
Region Total		1,014,700	(Kg/Day)	0.14 124	0.20 177

County	Source Type	Summer Daily	Emissions (Tons/Day)	
county	Source Type	VMT	VOC	NOx
	Motorcycle	6,126	0.01	0.00
	Passenger Car	482,181	0.05	0.02
	Passenger Truck	314,469	0.05	0.03
	Light Commercial Truck	79,715	0.01	0.01
	Intercity Bus	215	0.00	0.00
	Transit Bus	2,036	0.00	0.00
Wyoming	School Bus	630	0.00	0.00
vvyoning	Refuse Truck	2,204	0.00	0.00
	Single Unit Short-haul Truck	45,416	0.01	0.03
	Single Unit Long-haul Truck	2,505	0.00	0.00
	Motor Home	1,729	0.00	0.00
	Combination Short-haul Truck	17,566	0.00	0.02
	Combination Long-haul Truck	59,908	0.00	0.07
	Subtotal	1,014,700	0.14	0.20
Off-Model Project Emission Benefits			0.00	0.00
Region Total		1,014,700	0.14	0.20
		(Kg/Day)	124	177

Wyoming County Ozone Daily Emission Summary 2040 FFY19 Conformity (By Source Type)

Wyoming County Ozone Daily Emission Summary 2040 FFY19 Conformity (By Emission Process)

County	Emission Process	Emissions (Tons/Day)		
obuilty	Linision Process	VOC	NOx	
	Running Exhaust	0.02	0.16	
	Start Exhaust	0.04	0.03	
	Brakewear	0.00	0.00	
	Tirewear	0.00	0.00	
	Evap Permeation	0.00	0.00	
	Evap Fuel Vapor Venting	0.03	0.00	
Wyoming	Evap Fuel Leaks	0.05	0.00	
	Crankcase Running Exhaust	0.00	0.00	
	Crankcase Start Exhaust	0.00	0.00	
	Crankcase Extended Idle Exhaust	0.00	0.00	
	Extended Idle Exhaust	0.00	0.00	
	Auxiliary Power Exhaust	0.00	0.00	
	Subtotal	0.14	0.20	
Off-Model Project Emission Benefits		0.00	0.00	
Region Total		0.14	0.20	
	(Kg/Day)	124	177	

ATTACHMENT C

Sample MOVES Data Importer (XML) Input File and Run Specification (MRS) Input File

(Sample for 2025 July Weekday)

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MOVES Run Specification File – 2025 July Weekday Run (MOVESRUN.MRS)

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