Major C	onstruction Project Ter	nplate (with EA) (Version 20130508)			MnDOT - Gantt Ch	nart Layout					May-10-13 09:58
#	Activity ID	Activity Name	Original	2013		2014			2015	2016	
			Duration	M A M J Jul A S	ΟΝΟΙΓΑΑ	M J Jul A S C	D N D J I	FMAM	J Jul A S O N D	J F M A M J Ju	I A S O N D J F M A M J Jul A
1	Major Constr	uction Project Template (with EA) (Version	833	=							
2	Milestones		833								
3	MS_100	Project Initiated	0	Project Initiated							
4	MS_110	Initial Design Project Baselined	0		Initial Design Project	Baselined					
5	MS_120	Layout Staff Approved	0				Layout Staff A	Approved			
6	MS_130	Construction Limits Completed	0				Construct	ction Limits Co	mpleted		
7	MS_140	Municipal Consent Obtained	0		rt Municipal Cor	nsent Obtained					
8	MS_150	Environmental Document Approved	0					٢	Environmental Documer	nt Approved	
9	MS_160	Preliminary Bridge Design Completed	0	 Preliminary Bridge 	Design Completed						
10	MS_170	Final Design Project Baselined	0	▶	Final Design Project Basel	ined					
11	MS_180	MDR Completed	0]	MDR Completed						
12	MS_190	Utility Notice and Orders Sent	0		ا ♦ ا	Jtility Notice and Orde	ers Sent				
13	MS_200	Municipal Agreement Request Submitted	0	 Municipal Agreem 	nt Request Submitted						
14	MS_210	Roadway Plans Ready	0			1	🖶 Roadway F	Plans Ready			
15	MS_220	Final Bridge Plans Ready	0	Final Bridge Plans	Ready						
16	MS_230	Project Turned In	0				Pro Pro	oject Turned Ir	۱		
17	MS_240	Permits Acquired	0	 Permits Acquired 							
18	MS_250	RW Title and Possession Obtained	0								RW Title and Possession Obtained
19	MS_260	FHWAAuthorization Received	0				•	🕈 FHWAAuth	norization Received		
20	MS_270	Letting	0								► Letting
21	Project Man	agement	833								
22		Project Baseline	130								
23	IDB1000	Request Scoping Input	5	Request Scoping	Input						
24	IDB1010	Identify Potential Scope Items by Project Manager	40		tential Scope Items by Pro	iect Manager					
25	IDB1020	Identify Potential Scope Items byPlanning	40		tential Scope Items byPlan	· · · · · · · · · · · · · · · · · · ·					
26	IDB1030	Identify Potential Scope Items by State Aid	40	• • • • • • • • • • • • • • • • • • •	tential Scope Items by Stat						
27	IDB1040	Identify Potential Scope Items by Land Management	40		tential Scope Items by Lan	I I					
28	IDB1050	Identify Potential Scope Items by Surveys	40		tential Scope Items by Sur	-					
29	IDB1060	Identify Potential Scope Items by Environmental Coordinator	40		tential Scope Items by Env		or				
30	IDB1070	Identify Potential Scope Items by Bridge	40		tential Scope Items by Brid						
31	IDB1080	Identify Potential Scope Items by Resident Office	40	Identify Po	tential Scope Items by Res	sident Office					
32	IDB1090	Identify Potential Scope Items by Design	40		tential Scope Items by Des						
33	IDB1100	Identify Potential Scope Items by Hydraulics/Water Resources	40		tential Scope Items by Hyd		rdes				
34	IDB1110	Identify Potential Scope Items by Maintenance	40		tential Scope Items by Mai						
35	IDB1120	Identify Potential Scope Items by Materials	40		tential Scope Items by Mat						
36	IDB1130	Identify Potential Scope Items by Traffic	40	• • • • • • • • • • • • • • • • • • •	tential Scope Items by Traf		- -				
37	IDB1140	Identify Potential Scope Items by Others	40		tential Scope Items by Oth						
38	IDB1150	Determine & Document Initial Baseline Scope	30		mine & Document Initial B						
39	IDB1160	Develop & Approve Initial Baseline Estimate (TPCE)	10		velop & Approve Initial Bas	eline Estimate (TPCE					
40	IDB1170	Develop Initial Baseline Schedule	15		Develop Initial Baselir		Í I I				
41	IDB1180	Develop Initial Project Management Plan	15		Develop Initial Project		 -				
42		roject Baseline	100								
43	FDB1000	Request Scoping Input	5	Reques: Scoping	Input						
44	FDB1010	Identify Potential Scope Items by Project Manager	40		tential Scope Items by Proj	iect Manager					
45	FDB1020	Identify Potential Scope Items by Planning	40		tential Scope Items by Plan						
	_	,				<u> </u>					l
	Remaining Level o	f Effort Actual Work Critical Remainir	a Work		Page 1 of 1	11		TA	ASK filter: All Activities		
	 Actual Level of Effort 				-						
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A	ctivity ID	Activity Name	Original Duration	2013 M A M J Jul A S O		2014 A M J Jul A S O N D J		SONDJF	2016 M A M J Jul	2017 A S O N D J F M A M J Ju
_	FDB1030	Identify Potential Scope Items by State Aid	40	┥ <u>──└┍┽─└┍┽</u> ─┢╸┝╸┽╸└	Itial Scope Items by S					
	FDB1040	Identify Potential Scope Items by Land Management	40		itial Scope Items by L					
	FDB1050	Identify Potential Scope Items by Surveys	40		itial Scope Items by S					
	FDB1060	Identify Potential Scope Items by Environmental Coordinator	40			Invironmental Coordinator				
	FDB1070	Identify Potential Scope Items by Bridge	40		itial Scope Items by E					
	FDB1080	Identify Potential Scope Items by Resident Office	40		ntial Scope Items by F					
:	FDB1090	Identify Potential Scope Items by Design	40		ntial Scope Items by I					
5	FDB1100	Identify Potential Scope Items by Hydraulics/Water Resources	40			lydraulics/Water Resources				
	FDB1110	Identify Potential Scope Items by Maintenance	40		itial Scope Items by N					
5	FDB1120	Identify Potential Scope Items by Materials	40		itial Scope Items by N					
, ;	FDB1130	Identify Potential Scope Items by Traffic	40		itial Scope Items by T					
,	FDB1140	Identify Potential Scope Items by Others	40		itial Scope Items by (
3	FDB1150	Determine & Document Final Baseline Scope	30		ine & Document Fina					
, ,	FDB1160	Develop & Approve Final Baseline Estimate (TPCE)	10	┃		aseline Estimate (TPCE)				
,	FDB1170	Develop Final Baseline Schedule	15		velop Final Baseline					
_	FDB1170	Develop Final Baseline Schedule Develop Final Project Management Plan	15		velop Final Project N					
			15 7							
2	1.1080	on Management Plan (TMP) Prepare Transportation Management Plan (TMP)	7	Prepare Transportation						
) 			7 758		ion Management ma					
		ect Management								
	1.1090	Perform Ongoing Project Management	758	······						Perform Ongoing Project Management
; 	Public Involve		7							
	1.1100	Perform Resident Coordination	7	-						
<u> </u>	1.1110	Perform Business Coordination	7							
)	1.1120	Perform Interest Group Coordination	7		m Interest Group Co					
	1.1130	Perform Airport Coordination	7							
	1.1140	Perform Railroad Coordination	7							
2	1.1150	Perform Transit Coordination	7		m Transit Coordinatio					
3	1.1160	Perform Emergency Services Coordination	7							
L I	1.1170	Perform School Coordination	7		m School Coordinatio	on an				
;	1.1180	Perform City Coordination	7	Perforn	m City Coordination					
;	1.1190	Perform County Coordination	7		m County Coordinati	on				
·	1.1200	Perform DNR Coordination	7	➡∎ Perforn	m DNR Coordination					
	1.1210	Perform MPCA Coordination	7	Perforn	m MFCA Coordinatio	n				
	1.1220	Perform SHPO Coordination	7	Perforn	m SHPO Coordinatio	n				
)	1.1230	Perform FHWA Coordination	7	Perform	m FHWA Coordinatio	n				
	1.1240	Perform Tribal Coordination	7	Perform	m Tripal Coordinatior]			
	1.1250	Perform Major Projects Coordination	7		m Major Projects Co					
	Environme	ntal	738							
	Early Notifica		40							
;	ENM1000	Prepare & Distribute ENM	10		re & Distribute ENM					
	ENM1010	Review & Respond to ENM by CRU	30			ENM by CRU				
	ENM1030	Review & Respond to ENM for Regulated Waste	30			ENM for Regulated Waste				
	ENM1040	Review & Respond to ENM by DNR	30		Review & Respond to					
	ENM1050	Review & Respond to ENM by EMTU	30		Review & Respond to					
, ,	ENM1060	Review & Respond to ENM by ENN 0	30		Review & Respond to					
_	ENM1000	Review & Respond to ENM for Vegetation	30			ENM for Vegetation				
		Noview & Nespona to Environ vegetation					<u> </u>			
	Remaining Level	of Effort Actual Work Critical Remainin	a Work		Page 2	of 11	TASK filter: All	Activities		

	A	mplate (with EA) (Version 20130508)		_				MnDOT - Gantt Cha		_	_		0015			0011		 May-10-13
4	Activity ID	Activity Name	Original Duration		2013				2014				2015 J Jul A S O N			2016	ASOND	2017 M A M J
_	ENM1090	Review & Respond to ENM for Bike/Ped	30					ew & Respond to ENI									AISIOINIL	VILALIVILJ
	ENM1090	Review & Respond to ENM for ADA	30	_			_	iew & Respond to EN										
	ENM1100	Review & Respond to ENM by Aeronautics	30				#	iew & Respond to EN										
_	ENM1120	Review & Respond to ENM by Aeronautics	30	_				iew & Respond to ENI	-									
							+											
_	ENM1150	Review & Respond to ENM for Value Engineering	30	_			Rev	iew & Respond to ENI	vi for value Engin	eering								
_	Environmenta Cultural Reso		738															
	A4170	Urces Conduct Preliminary Cultural Resources Evaluation	<u>192</u> 5	_				nduct Preliminary Cult	Irol Bosourooo E	Valuation								
)	A4170	Submit SHPO Notification	5	_			╓┙	Ibmit SHPO Notificatio		valuatioi	'							
_	A4180	Conduct Tribal Consultation	5				┟┟╔╾╾┚╴╴╴╸╸	onduct Tribal Consulta										
2	A4190 A4200	Obtain SHPO Response To Notification	5	_			:	btain SHPO Respons										
		·	-	_														
3	A4205	Public Consultation for CRU Investigation	5					ublic Consultation for	-RU Investigation	¹								
} ;	Architectural A4210	History (Phase 1) Acquire Architectural History Consultant	15 5	┩ │				Acquire Architectural H	listory Concultor									
) ;	A4210 A4220		-				┊┨╍┠┎══┹╸╸╸	Conduct Architectural		l) Invest	inotion							
	A4220 A4230	Conduct Architectural History (Phase 1) Investigation Architectural History (Phase 1) Review	5	_				i	• •	·	iyation	1						
<u></u>			-					Architectural History	(Phase 1) Revie	~								
3	Architectural A1315	History (Phase 2) Conduct Architectural History (Phase 2) Investigation	162 5					Conduct Architectu	ral History (Phas		ctionti							
,)	A1313 A1320		5	_				Architectural Histo	• •	11	suyan							
_		Architectural History (Phase 2) Review	-			++-												
	A1330	Provide Architectural History (Phase 2) Determination	5	_					• •	11			0					
	A1340	Architectural History (Phase 2) Complete (No Properties Effec	0	_				Architectural Hist					1)					
	A1350	Obtain Architectural History (Phase 2) SHPO Concurrence	5	_				Obtain Architect	-1		1 1		<u>,</u> .					
·	A1360	Provide Architectural History (Phase 2) Findings	5	_					· · · ·			tory (Phase 2) F	-					
<u>.</u>	A1365	Architectural History Findings Complete (No Adverse Effects I	0										No Adverse Effects De	etermined)				
	A1370	Obtain Architectural History (Phase 2) SHPO Concurrence	5	_									SHPO Concurrence	<i>(</i> _ .				
	A1380	Prepare Documentation of Adverse Effect for Architectural His	5	_									ect for Architectural Hi	story (Phas	se 2)			
<u>ا ا</u>	A1390	Prepare MOA/PA for Architectural History (Phase 2)	5	_								rchitectural Hist						
	A4250	Implement Architectural History (Phase 2) Mitigation	5							entArch	hitectur	al History (Phas	e 2) Mitigation					
		cheology (Phase 1)	15				-											
	A2190	Acquire Historical Archeology Consultant	5	_				Acquire Historical Arch										
: _ _	A2200	Conduct Historical Archeology (Phase 1) Investigation	5	_				Conduct Historical Ar	- I - I - I - I - I - I - I - I - I - I		tigation	n						
<u>ا ا</u>	A2210	Historical Archeology (Phase 1) Review	5					Historical Archeolog	/ (Phase 1) Revie	ew .								
<u>.</u>		cheology (Phase 2)	162															
;	A2230	Conduct Historical Archeology (Phase 2) Investigation	5					Conduct Historical		.[estigat	αφή 						
<u>}</u>	A2240	Historical Archeology (Phase 2) Review	5	_			•	Historical Archeolo										
<u> </u>	A2250	Provide Historical Archeology (Phase 2) Determination	5	_				Provide Historica			1 1							
5	A2260	Historical Archeology (Phase 2) Complete (No Properties Effe	0	4			i '	Historical Archeol					p)					
<u> </u>	A2270	Obtain Historical Archeology (Phase 2) SHPO Concurrence	5	4				Obtain Historica					L					
	A2280	Provide Historical Archeology (Phase 2) Findings	5	4					a hand the second second and			olpgy (Phase 2)						
	A2290	Historical Archeology Findings Complete (No Adverse Effects	0	4							- i i		(No Adverse Effects D	Determined				
2	A2300	Obtain Historical Archeology (Phase 2) SHPO Concurrence	5	_									SHPO Concurrence					
	A2310	Prepare Documentation of Adverse Effect for Historical Arche	5										ect for Historical Arche	eology (Pha	se 2)			
ŀ	A2320	Prepare MOA/PA for Historical Archeology (Phase 2)	5									listorical Archeo						
5	A2330	Implement Historical Archeology (Phase 2) Mitigation	5							ent Histo	oricalA	Archeology (Pha	se 2) Mitigation					
<u>;</u>		Archeology (Phase 1)	15															
<u> </u>	A2380	Acquire Pre-Contact Archeology Consultant	5	_				Acquire Pre-Contact A										
3	A2390	Conduct Pre-Contact Archeology (Phase 1) Investigation	5					Conduct Pre-Contact	Ardheology (Pha	se 1) Inv	vestiga	ation						

	A2400 Pre-Contact A A2450 A2460 A2470 A2480 A2490 A2500 A2510 A2520	Pre-Contact Archeology (Phase 1) Review Archeology (Phase 2) Conduct Pre-Contact Archeology (Phase 2) Investigation Pre-Contact Archeology (Phase 2) Review Provide Pre-Contact Archeology (Phase 2) Determination Pre-Contact Archeology (Phase 2) Complete (No Properties E Obtain Pre-Contact Archeology (Phase 2) SHPO Concurrence	Duration 5 162 5 5 5 5	M	A M J	Jul	A	S	0 N			M A I				_		D	J F	MA	M	JJul	ASC	ם א כ) l	FN
	Pre-Contact A A2450 A2460 A2470 A2470 A2480 A2490 A2500 A2510	Conduct Pre-Contact Archeology (Phase 2) Investigation Pre-Contact Archeology (Phase 2) Review Provide Pre-Contact Archeology (Phase 2) Determination Pre-Contact Archeology (Phase 2) Complete (No Properties E Obtain Pre-Contact Archeology (Phase 2) SHPO Concurrence	162 5 5	_			Τ	1		Pre	-Contac	t Archeo	ology	(Phas	se 1)	Rev							<u> </u>		<u> </u>	<u> </u>
	A2450 A2460 A2470 A2480 A2480 A2490 A2500	Conduct Pre-Contact Archeology (Phase 2) Investigation Pre-Contact Archeology (Phase 2) Review Provide Pre-Contact Archeology (Phase 2) Determination Pre-Contact Archeology (Phase 2) Complete (No Properties E Obtain Pre-Contact Archeology (Phase 2) SHPO Concurrence	5 5	_						- i	oomao			`	- i - í i		~~~									
	A2460 A2470 A2480 A2490 A2500 A2510	Pre-Contact Archeology (Phase 2) Review Provide Pre-Contact Archeology (Phase 2) Determination Pre-Contact Archeology (Phase 2) Complete (No Properties E Obtain Pre-Contact Archeology (Phase 2) SHPO Concurrence	5	_																						
	A2470 A2480 A2490 A2500 A2510	Provide Pre-Contact Archeology (Phase 2) Determination Pre-Contact Archeology (Phase 2) Complete (No Properties E Obtain Pre-Contact Archeology (Phase 2) SHPO Concurrence	-								onduct F				1	·		Inves	tigati	on						
	A2480 A2490 A2500 A2510	Pre-Contact Archeology (Phase 2) Complete (No Properties E Obtain Pre-Contact Archeology (Phase 2) SHPO Concurrence	5						┝╴┕╸	l P	Pre-Cont	act Arch	edlog	ıy (Ph	nase	2) Re	view									
	A2490 A2500 A2510	Obtain Pre-Contact Archeology (Phase 2) SHPO Concurrence							يا -		Provide				1 7 1											
	A2500 A2510		0						Ļ		Pre-Con	tact Arc	heplo	gy (P	hase	2) Q	omple	te (N	p Pro	perties E	∃ffe¢te	ed)				
	A2510		5	_					L		Obtain	Pre-Cor	ntact /	Arche	ology	(Ph	ase 2)	SHP	bCo	ncurren	ce					
		Provide Pre-Contact Archeology (Phase 2) Findings	5					1-11		1-1-1-1				Pr	ovide	Pre	Conta	act Are	cheo	ogy (Pha	ase 2)	Finding	s			
	A2520	Pre-Contact Archeology Findings Complete (No Adverse Effec	0											Pr	e Co	ntact	Arche	eology	Find	lings Co	mplete) (No Ad	lverse Et	ffects D	etermir	ned)
		Obtain Pre-Contact Archeology (Phase 2) SHPO Concurrence	5	_									┟╺	-						-			Concurr			,
	A2530	Prepare Documentation of Adverse Effect for Pre-Contact Arc	5										ļţ										e-Contac		oloav (Phas
	A2540	Prepare MOA/PA for Pre-Contact Archeology (Phase 2)	5										ļļ		- i i i							ology (Ph			5.09) (
	A2550	Implement Pre-Contact Archeology (Phase 2) Mitigation	5																			ase 2) M				
		Site Assessment	738											-	Inp		11110-			cheolog	y (i liic	136 2) 10	ligation			
	-	al Due Diligence 1	46																							
	ESA1000	Prepare EDD 1 & Submit to CO EIU	5					Pre	nare Fl		& Subm	it to CO	EU													
	ESA1010	Review & Respond to EDD 1 by CO EIU	60	_		0	╘╴				& Resp			by C												
		al Due Diligence 2	12								artesp			by C												
	ESA1500	Prepare EDD 2 & Submit to CO EIU	5																	ronaro F		& Suba	nit to CO	EUI		
	ESA1500	Review & Respond to EDD 2 by CO EIU	7																_	•			EDD 2 b			
			<u> </u>																	Review	a res	pona to		JY CO E	10	—
	ENVIronmenta ESA2000	al Due Diligence 3	90 5	_																						
		Prepare EDD 3 & Submit to CO EIU																								6
	ESA2010	Prepare EDD 3 (CO EIU) & Route For Signatures	40	_																						17
	ESA2020	Obtain EDD 3 Signatures	20																							
	ESA2030	Present EDD 3 to Deputy Commissioner	20																							
	ESA2040	Finalize EDD 3 with Deputy Commissioner Determination	5																							
	_Regulatory Fi		50																							
	ESA2500	Identify Known Contaminated Sites on Regulatory Website Re	5	_															*				minated		ı Regu	latory
	ESA2510	Request Files From Regulator	25																L+[Re	quest	Files Fr	om Reg	ulator		
	ESA2520	Review Regulator Files	10																	F	≀eviþw	/ Regula	tor Files			
	ESA2530	Summarize Regulatory File Findings	5																	╘╼┓	Summ	iarize R	egulatory	y File Fir	ndings	
	ESA2540	Send/Revise ENM Response to District	5																	L ⊳ [Send	/Revise	ENM Re	esponse	to Dis	,tri <mark>c</mark> t
	Environmenta	al Site Assessment Phase I	125										1													
	ESA3000	Prepare Scope of Work & Obtain Cost Estimate to Hire Consu	10	_																Prepa	re Sco	pe of W	ork & O	btain Cc	ost Esti	imate
	ESA3010	Execute ESA Phase I Contract	30																F	E	Execut	e ESA P	hase I C	ontract		
	ESA3020	Prepare Draft Phase I ESA	65	_																		📕 Pre	epare Dr	aft Phas	se I ES	ы́А
	ESA3030	Review Draft Phase I ESA	10	_																			' Review D			
	ESA3040	Prepare Final Phase I ESA	10															-				· · · · · · ·	Prepare			
		al Site Assessment Phase II	155																							
	ESA4500	Prepare Scope of Work & Obtain Cost Estimate to Hire Consu	10																			╘╺╸	Prepa	are Scop	be of W	/ork å
	ESA4510	Execute ESA Phase II Contract	30	_																				Execute		
	ESA4520	Develop Work Plan For Drilling (No Parcels to Aquire)	5																					Develo		_
			-															-								
	ESA4530	Complete Drilling & Discuss Field Findings With Consultant	10																				L L	• · · ·	plete D	
	ESA4540	Receive, Review, and Tabulate Analytical Results	20																						leceive	
	ESA4550	Receive Results & Determine if Liability Protections are Requir	10	_																					Recei	_
	ESA4560	Update EDD 2 and Send to PM/RW	5	_																				- "1	Upda	_
	ESA4570	Prepare Draft Phase 2 Report	40																							Pre
D_^	emaining Level of	f Effort Critical Remaining	a Work								Pad	e 4 of 1'	1								TA	SK filter	: All Activ	vities		

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ESA7030 | Enter Regulatory Program
Write NAD Request Per Each Parcel
Regulatory Review Per Each Parcel
Obtain Assurance From Regulators For Each Parcel
Send EDD 2 Form to District & OLM
Obtain No Further Action Letter for Each Parcel | Original
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Response Ac
ESA6500
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Contaminate
ESA7000
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ESA7020 | Prepare Final Phase 2 Report ections Enter Regulatory Program Write NAD Request Per Each Parcel Regulatory Review Per Each Parcel Obtain Assurance From Regulators For Each Parcel Send EDD 2 Form to District & OLM Obtain No Further Action Letter for Each Parcel stion Plans Prepare Response Action Plan Submit Response Action Plan to Regulator d Properties Special Provisions Review Information Obtained From Phase 1/Phase 2 | 20
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	Prepare Final Phase 2 Report
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	Enter Regulatory Program
	└╾_ Write NAE Request Per Each Parcel
	Contain Assurance From Regulators For Each Parcel
	Send EDD 2 Form to District & OLM
	Coltain No Further Action Letter for Each Parcel
	Prepare Response Action Plan Submit Response Action Plan to Regulator
	Review Information Obtained From Phase 1/Phase 2
	Prepare Draft Provisions
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-	EAW1055	Review EA/EAW/4(f) by DOI (Note: Only if there is a Full 4(f))	45						Li Li		Revie	w EA/EAW/4(f) by DOI (Note: Only if there	a Full 4(f))				
	EAW1060	Revise EA/EAW Document	7	_								ise EA/EAW Document					
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┨║	EAW1125	Review of Final 4(f) Legal Sufficiency (Note: Only if there is a f	30	-								Review of Final 4(f) Lega		v i thara	is a Full 4(f))		
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	NPDES Storm NPP1010	water Discharge Permit	46														
		Staff Approved Layout Review by MPCA	30	_								Approved Layout Review by MPCA					
	NPP1030	60% Plan Review & Approval Letter by MPCA	30	_								60% Plan Review & Approval Letter by MPC					
	NPP1040	Prepare NPDES Permit Application	5									Prepare NPDES Permit Application					
R	oad Desig	n	349														
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- A	A3110	Submit Preliminary Survey Request	5			Submit Pr	eliminary Surv	ey Reque	st								
-	A3140	Submit Final Survey Request	5			Submit Fir	nal Survey Re	quest									
	Control Surve	ys	69														
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2	SUR5080	Conduct Drainage Survey Field Work	77	Conduct Drainage Survey Field Work
1	SUR5090	Construct Drainage Survey File	10	Construct Drainage Survey File
2	SUR5100	Conduct Utilities Survey Field Work	77	Conduct Utilities Survey Field Work
3	SUR5110	Construct Utilities Survey File	10	Construct Utilities Survey File
1	Preliminary D)esign	316	
5	Staff Approve		296	
3	A1310	Develop Alternative Concepts	22	Develop Aternative Concepts
7	A1400	Develop Preliminary Layouts	22	│ │ │ │ │ │ │ │ │ │ │ │ │ │ │ │ │ │ │
3	A1410	Conduct Layout Review & Coordination	66	Conduct Layout Review & Coordination
9	A1420	Select Preferred Alternative	22	Select Preferred Alterrative
5	A1430	Prepare Final Geometric Layout & Profile	22	Prepare Final Geometric Layout & Profile
1	A1440	Review Geometric Layout by Distict	10	Review Geometric Layout by Distict
2	A1450	Review Geometric Layout by GDSU	30	Review Geometric Layout by GDSU
3	A1460	Revise, Sign, & Distribute Geometric Layout	22	Revise, Sign, & Distribute Geometric Layout
1		/Design Exception	25	
5	A3510	Prepare & Approve Design Memo in District	5	→□ Prepare & Apprøve Design Memo in District
3	A3520	Approve Formal Design Exception by State Design Engineer	20	→ → → → → → → → → → → → → → → → → → →
7	RW Construc		20	
3	A3530	Prepare Preliminary Cross Sections	5	Prepare Preliminary Cross Sections
3	A3540	Review & Revise Preliminary Cross Sections	10	Review & Revise Preliminary Cross Sections
5	A3550	Prepare & Submit Construction Limits	5	Prepare & Submit Construction Limits
1		ering on Geometric Layout	0	
<u>'</u> 2	Recommenda		244	
3		Recommendations - Roadway	50	
, 1	FDR1000	Prepare & Submit Foundation Request by District	1	+ Prepare & Submit Foundation Request by District
5	FDR1010	Prepare Borings Plan	3	
5	FDR1020	Obtain Foundations Borings	22	Prebare Borings Plan
	FDR1020	Survey Foundations Borings	22	F I Survey Foundations Borings
7				
3	FDR1040	Test Foundations Borings	10	Test Foundations Borings
)	FDR1050	Borings Logs Complete	0	Borings Logs Complete
<u> </u>	FDR1060	Design Foundations Recommendation	10	
1	FDR1070	Prepare Foundations Report & Submit to Bridge/PM	5	Prepare Foundations Report & Submit to Bridge/PM
2	FDR1080	Prepare Foundations Special Provisions	5	Prepare Foundations Special Provisions
3		gn Recommendation (MDR)	50	
1	A1470	Conduct Borings	5	
5	A1480	Design Pavement Alternatives	5	
3	A1490	Prepare LCCA	5	
7	A1500	Review LCCA by Maplewood	5	Review LCCA by Maplewood
3	A1510	Review LCCA by Industry	5	Review LCCA by Industry
•	A1520	Revise Pavement Design	5	Revise Pavement Design
2	A1530	MDR	5	
1	Traffic Recom	mendations	32	
2	Traffic Coun	ts	15	
3	A3460	Develop Traffic Counting Plan	5	Develop Traffic Counting Plan
1	A3470	Conduct Traffic Counts & Process Data	5	Conduct Traffic Counts & Process Data
5	A3480	Prepare Traffic Count Report	5	Prepare Traffic Count Report
3	Traffic Forec	asts	10	
	Remaining Level	of Effort Actual Work Critical Remain	ng Work	Page 7 of 11 TASK filter: All Activities
	 Actual Level of Ef 	fort Remaining Work Milestone		

Major (Construction Project Te	emplate (with EA) (Version 20130508)		MnDOT - Gantt Chart Layout
#	Activity ID	Activity Name	Original	
			Duration	
327	A3490	Prepare Traffic Forecasts	5	Prepare Traffic Forecasts
328	A3500	Calculate ESALs	5	Calculate ESALs
329		esign Recommendations	120	
330 331	Pond Design	Determine Pond Size & Location	<u>10</u> 5	► Determine Rond Size & Location
332	A3120 A3130	Design Pond Contours, Drainage Structures, & Seeding	5	Design Pond Contours, Drainage Structures, & Seeding
333	Culvert Desi		10	
334	A3150	Determine Drainage Areas & Flows for Culverts	5	► D Determine Drainage Areas & Flows for Culverts
335	A3160	Determine Culvert Size & Flow Lines	5	□ Determine Quivert Size & Flow Lines
336	Storm Sewe		10	
337	A3180	Determine Drainage Areas & Flows for Storm Sewers	5	Determine Drainage Areas & Flows for Storm Sewers
338	A3190	Determine Storm Sewer Size & Flow Lines	5	Determine Storn Sever Size & Flow Lines
339	Drain Tile De		15	
340	A3240	Collect Drain Tile Maps	5	Collect Drain Tile Maps
341	A3250	Conduct Drain Tile Meetings with Farm Owners/Operators	5	Conduct Drain Tile Meetings with Farm Owners/Operators
342	A3260	Determine Drain Tile Size & Flow Lines	5	Determine Drain Tile Size & Flow Lines
343	ADA Recomm		35	
344		imendations	35	
345	A4310	Conduct ADA Field Walk	15	Conduct ADA Field Walk
346	A4320	Prepare Draft ADA Field Walk Recommendations	5	Prepare Draft ADA Field Walk Recommendations
347	A4330	Review ADA Field Walk Recommendations by District	10	Review ADA Field Walk Recommendations by District
348	A4340	Fianalize ADA Field Walk Recommendations	5	Fianalize ADA Field Walk Recommendations
349	Bike/Pedestri	ian Recommendations	0	
350	Final Design		349	
351	Plan Set		274	
352	Road Plans		274	
353		Construction/Reconstruction	274	
354	30% Plans		102	
355	A3350	Prepare Title Page	5	
356	A3360	Prepare General Layout	5	Prepare General Layout
357	A3600	Prepare Typical Sections	5	
358	A3610	Prepare Inplace Topography Sheets	5	Prepare Inplace Topography Sheets
359	A3620	Prepare Construction Plan Sheets	5	
360	A3630	Prepare Profile Sheets	5	
361	A3640	Conduct 30% Plan Functional Group Review	5	Conduct 30% Plan Functional Group Review
362 363	60% Plans A3650	Prepare Earthwork Tab & Summary	157 5	
363	A3650 A3660	Prepare Earthwork Tab & Summary Prepare Soils & Construction Notes	5	Propare Earthwork Tap & Summary
364	A3660 A3670	Prepare Solis & Construction Notes Prepare Tabulated Quantities	5	Prepare Soils & Construction Notes
365 366		Prepare Tabulated Quantities Prepare Utility Tabs	5	Prepare Utility Tabs
366	A3675 A3680	Prepare Otility Tabs Prepare Special Environmental Plan	5	
			5	Prepare Special Environmental Plan
368	A3710	Prepare Alignment Plan & Tabs	5	Prepare Alignment Plan & Tabs
369	A3720	Prepare Removal Plans	5	Prepare Removal Plans
370	A3725	Prepare Drainage Plans Profiles & Tabs	5	■ □ ■ □ ■ □ ■ □ ■ □ ■ □ Prepare Drainage Plans Profiles & Tabs
371	A3728	Prepare Stormwater Pollution Prevention Plan (SWPPP) & Wa	5	Prepare Stormwater Pollution Prevention Plan (SWPPP) & Water Resources
372	A3730	Prepare Erosion Control Plan	5	F Departe Erosion Control Plan
373	A3740	Prepare Traffic Barrier Plan	5	Prepare Traffic Barriel Plan
ļ			I	
	Remaining Level	of Effort Actual Work Critical Remaini	ng Work	Page 8 of 11 TASK filter: All Activities
	Actual Level of E	ffort Remaining Work Milestone		

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Activi	ity ID	Activity Name	Original Duration	2013 2014 2014 2015 2016 2016 M A M J Jul A S O N D J F M M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A N D J F M <	2017 A M J Jul
4	A3750	Prepare Cross Sections & Cross Section Matchline Layout	5	Prepare Cross Sections & Cross Section Matchline Layout	
5	A3910	Conduct 60% Plan Functional Group Review	5	Conduct 60% Plan Functional Group Review	
6	90% Plans		20		
7	A3760	Prepare Statement of Estimated Quantities	5	Prepare Statement of Estimated Quantities	
8	A3770	List Standard Plates	5	List Standard Plates	
9	A3780	Develop Details	5	and a develop Details	
0	A3790	Incorporate Standard Plans	5		
1	A3795	Develop Intersection Details	5		
2	A3800	Develop Pedestrian Accommodation Details	5		
3	A3810	Prepare Concrete Paving Plan & Details	5	Prepare Concrete Paving Plan & Details	
4	A3820	Prepare Bituminous Paving Plan & Details	5	Prepare Bitu ninous Paving Plan & Details	
5	A3830	Prepare Superelevation Plans	5	Prepare Superelevation Plans	
6	A3840	Develop Drainage Details	5	Develop Dra nage Details	
7	A3850	Prepare Turf Establishment Plans	5		
8	A3860	Prepare Impact Attenuator Plan & Details	5	Prepare Impact Attenuator Plan & Details	
9	A3870	Develop Traffic Barrier Details	5		
0	A3880	Prepare Fencing Plans	5	Prepare Fencing Plans	
1	A3890	Prepare Temporary Pedestrian Access Route	5	Prepare Temporary Pedestrian Access Route	
2	A3895	Prepare Special Provisions	5	Prepare Special Provisions ■ Assemble 90% Plan	
3	A3900	Assemble 90% Plan	5	Assemble 20% Plan	
4	Project Turn		75		
5	A3280	Review Final Plan by District	20		
6	A3290	Revise Final Plan	7		
7	A3300	Conduct 100% Quality Control Check Process by District	7	Conduct 100% Quality Control Check Process by District	
8	A3305	Prepare Final Construction Cost Estimate by District	7	Prepare Final Construction Cost Estimate by District	
9	A3310	Prepare Submittal Memo and Submit Plans & Specs	7	Prepare Submittal Memo and Submit Plans & Specs	
	Utilities		66		
1		Utility Engineering	0		
2	Utility Coord UTI1000	Send Plan Information & Conduct Utility Information Meetings	66 15	Send Plan Information & Conduct Utility Information Meetings	
4	UTI1010	Conduct Utility Design Meeting	15		
+ 5	UTI1020	Obtain & Review Utility Relocation Plans	15	Conduct Utility Design Meeting Conduct Utility Design Meeting Obtain & Review Utility Relocation Plans Prepare & Send Utility Verification Letters	
5 6		-		Prepare & \$end Utility Verification ↓etters	
o 7	UTI1030 UTI1040	Prepare & Send Utility Verification Letters Utility Permit Application Prepared by Utility Company	2 15	Utility Permit Application Prepared by Utility Company	
8	UTI1040	Review Utility Permit Application by District	15	► Review Utility Permit Application by District	
9	UTI1050	Prepare & Approve Utility Permit by CO Utilities Unit	10	Prepare & Approve Utility Permit by CO Utilities Unit	
9 0	UTI1070	Prepare & Send Utility Notice & Orders	1	Prepare & Send Utility Notice & Orders	
			524		
	Right of Wa				
	Title Opinion		23		
3	RTT1000	Prepare Title Opinions	20		
4	RTT1010	Title Map	3		
5	RTT1020	Unrecorded Utilities Easements	20		
	Right of Way		144		
7	RWP1000	Authorization Map	20		
8	RWP1010	Work Map	40		
9	RWP1020	Prepare Plats	35	Prepare Plats	
R	emaining Level	of Effort Actual Work Critical Remaini	ng Work	Page 9 of 11 TASK filter: All Activities	

		emplate (with EA) (Version 20130508)		MnDOT - Gantt Chart Layout				May-10-13 0				
A	ctivity ID	Activity Name	Original Duration					2015 2016 F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M			2017 J F M A M J	
)	RWP1030	Market Data	5					F M A M J Jul A Market Data		JFMAMJ	Jul A S O N D	
	RWP1030	Parcel Sketches	20	·····			+	Parcel Sketches				
	RWP1050	Field Titles	20	-				Field Titles				
;	RWP1060	Write Legal Descriptions	7	-					rintions			
	RWP1070	Prepare Right of Way Packages	3	-				Write Legal Desci Prepare Right of	Way Packages			
:	Valuations	Trepare Right of Way Lackages	237						way I ackages			
	RVL1000	Procure Valuation Consultant	30				union (Consultant				
	RVL1000	Complete Valuations	65	_		Procure Vau			ete Valuations			
	RVL1020	Review & Certify Valuations	15	_					ew & Certify Valua	ations		
		Pre-Acquisition	76									
	RPR1000	Right of Way Receive and Distribute	2					Right of Way Red	seive and Distribu	to		
	RPR1010	Review and Approve Legal Descriptions	5					Review and App				
_	RPR1020	Review and Approve Plats	20	_					-	iptions		
	RPR1020 RPR1030	File Plats	20	-				Review and A	hhing Ligis			
	RPR1030 RPR1040	Attorney's Condition of Title	5	-				Attorney's Condi	ition of Titlo			
	RPR1040 RPR1050		-	-								
	RPR1050 RPR1060	Conveyance Documents Commissioner's Orders	10	·								
		Commissioner's Orders Encumber Funds	5	-					umber Funds			
	RPR1070		3	_								
	RPR1080	Direct Purchase Documents	3						ect Purchase Do	cuments		
	Direct Purcha		281							<i>tt</i>		
	RDP1000	Direct Purchase Offer	10						irect Purchase O			
	RDP1010	Direct Purchase Negotiation	22	_					Direct Purchase			
	RDP1020	Administrative Settlement	5	_				⊶ IĮ	Admiinistrative	Settlement		
	RDP1030	Purchase	5	_							Purchase	
	RDP1040	State Acceptance Date	0	_							State Acceptance	
	RDP1050	Closing Package	10								Closing Packa	
	RDP1060	Direct Purchase Final Payment	5								Direct Purcha	se Final Payment
	Condemnatio		271									
	RED1000	Good Faith Negotiation Period	22	_					Good Faith Ne	•		
	RED1030	Call Back Memo	2	_				ب	Call Back Men			
	RED1040	Assemble Condemnation Package	7					د ا		ondemnation Package		
	RED1050	Supplement Condemnation Package	7						1	Condemnation Packag	ge	
	RED1060	Update Titles Opinion	10					L	Henry Update Title			
	RED1070	Identify Affected Commissioner's Orders	2						·	ected Commissioner's	Orders	
	RED1080	Investigate/Update ACOT	4							e/Update ACOT		
	RED1090	Draft Petition	4	<u> </u>					Draft Peti	tion		
	RED1100	Request Condemnation Acton	3							Condemnation Acton		
	RED1110	Obtain Hearing Date	10						Obtain	Hearing Date		
	RED1120	Prepare Condemnation Notice	15						Prepa	e Condemnation Notic	e	
	RED1130	Serve Condemnation Notice	22						S	erve Condemnation No	otice	
	RED1135	90 Day Quick Take Period	90						L►C	90 Day Quick Tal	ke Period	
	RED1140	Prehearing Meeting	0	T					Pi	rehearing Meeting		
	RED1150	File Proof of Service	2						F F	ile Proof of Service		
	RED1160	Hearing on Petition	10							Hearing on Petition		
	RED1165	35 Day Waiting Period for Title and Possession	35							35 Day Waiting Pe	erioc for Title and Posse	ession
	RED1170	Judge Signs Court Order	5						L <mark>►</mark> □	Judge Signs Court O	rder	
		- •	I			Page 10 of 11		TASK filter:	L		I	

Major C	onstruction Project Te	emplate (with EA) (Version 20130508)			MnDOT - Gantt Chart Layout	May-10-13 09:58		
#	Activity ID	Activity Name	Original	2013	2014	20	15 2016	2017
			Duration	M A M J Jul	A S O N D J F M A M J Jul A S O N D	DJFMAMJ	Jul A S O N D J F M A M J Jul	A S O N D J F M A M J Jul A
466	RED1180	AG Request Quick Take Payment	5				AG Request Quick Take	Payment
467	RED1190	Process & Make Payment	5				Process & Make Payme	nt
468	RED1200	Quick Take Notice Period	5				► Quick Take Notice Pe	od
469	RED1210	Title & Possession	0					Title & Possession
470	Relocation		0					
471	Public Interes	st Finding	0					
472	Agreements	S	184					
473	Utility Agreen		52					
474	PBT1260	Prepare & Submit Draft Utility Agreement	2		Prepare & Submit Draft Utility Agr	reement		
475	PBT1280	Negotiate Utility Agreement & Submit for Approval	20	_	Negotiate Utility Agreement &			
476	PBT1300	Obtain Approval of Utility Agreement	30		Obtain Approval of Utility			
477		Construction Agreements	85			,		
478	PBT1136	Discuss Cost Participation with LGU	20		Discuss Cost Participation with LGU			
479	PBT1138	Prepare & Submit Cooperative Agreement Request	5		Prepare & Submit Cooperative Agreement Request			
480	PBT1140	Prepare Draft Cooperative Construction Agreement	15		Prepare Draft Cooperative Construction Agreement	t		
481	PBT1145	Negotiate Cooperative Construction Agreement with LGU & St	20		Negotiate Cooperative Construction Agreement	with IGU & Submit for A	proval	
482	PBT1180	Obtain Resolution on Cooperative Construction Agreement frc	25	_				
483	PBT1190	Cooperative Construction Agreement Signed	0	_			U	
484	Detour Agree		0					
485		inents	60					
	Letting							
486	Complex Pro		60					
487	Plans & Speci		20			Determine Derm	it Requirements by OLM	
488	PBT1020	Determine Permit Requirements by OLM	20	_			it Requirements by OLM	
489	PBT1030	Review Signing Special Provisions by OTST	20	_			Special Provisions by OTST	
490	PBT1040	Review Lighting Special Provisions by OTST	20				Special Provisions by OTST	
491	PBT1050	Review Signal Special Provisions by OTST	20				pecial Provisions by OTST	
492	PBT1060	Obtain Right of Way Authorization by OLM	20				Vay Authorization by OLM	
493	PBT1070	Review Bridge Plans & Special Provisions by Bridge Office	20			I H-P	Plans & Special Provisions by Bridge Office	
494	PBT1080	Assemble Special Provisions & Prepare /Proposal	20				al Provisions & Prepare /Proposal	
495	PBT1090	Conduct CO Plan Review & Revisions	20				n Review & Revisions	
496	PBT1110	Obtain Environmental Approvals by OES	20				nental Approvals by OES	
497	Estimating	Droporo Engineer's Estimate	20				aria Estimata	
498	PBT1100	Prepare Engineer's Estimate Develop TGB/DBE Goals by EEO	20	_		Prepare Enginee		
499	PBT1120		20	-		Develop TGB/D		
500 501	PBT1130	Enter Project Into TRANS*PORT	20 40			Enter Project Int		
501	PBT1230	Print Plan and Proposal	40 5			Print Plan and F	Proposal	
503	PBT1240	FHWA Authorization	5	_		FHWA Author		
504	PBT1250	Advertise Project	5	_		Advertise Pro		
505	PBT1255	Contractor Bidding Period	25	_			or Bidding Period	
303	1011200	Contractor Didding r critica	20					
	Remaining Level	of Effort Actual Work Critical Remainin	g Work		Page 11 of 11	TASK	filter: All Activities	
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