

			1-MnD	OT - Gantt Chart	Layout	Print Date: 5/12/2014		
#	Activity ID Activity Name	Owner Original	Early Start	Early Finish	Total Float	2013 2014 2015		
		Duration	(A=Actual)	(A=Actual)		F M Apr M J Jul A S Oct N D Jan F M Apr M J Jul A S Oct N D Jan F M Apr M J Jul A		
47	Environmental Studies							
48	Cultural Resources							
49	CRU1030 Conduct Tribal Consultation	35	5/30/2013	7/3/2013	539	Conduct Tribal Consultation		
50	CRU1035 Prepare & Send CRU Findings Letter	5	7/4/2013	7/8/2013	539	Prepare & Send CRU Findings Letter		
51	CRU1000 Conduct Preliminary CRU Evaluation	5	5/22/2013	5/29/2013	70	□ Conduct Preliminary CRU Evaluation		
52	CRU0000 Cultural Resources	32	5/22/2013	7/8/2013	370	Cultural Resources		
53	Contaminated Materials Management							
54	EDD0000 Environmental Due Diligence	57	5/22/2013	8/12/2013	398	Environmental Due Diligence		
55	Environmental Due Diligence 1							
56	EDD1000 Prepare EDD 1 by District & Submit to CO EIU	5	5/22/2013	5/29/2013	398	■ Prepare EDD 1 by District & Submit to CO EIU		
57	EDD1010 Identify Known Contaminated Sites on Regulatory Website Review	ew 5	5/30/2013	6/5/2013	398	Identify Known Contaminated Sites on Regulatory Website Review		
58	EDD1020 Request Files From Regulator	25	6/6/2013	7/11/2013	398	Request Files From Regulator		
59	EDD1030 Review Regulator Files/Summarize Findings/Respond to EDD1	10	7/12/2013	7/25/2013	398	■ Review Regulator Files/Summarize Findings/Respond to EDD1		
60	Environmental Due Diligence 2							
61	EDD2000 Prepare EDD 2 by District & Submit to CO EIU	5	7/26/2013	8/1/2013	398	Prepare EDD 2 by District & Submit to CO EIU		
62	EDD2010 CO EIU Review & Respond to EDD 2	7	8/2/2013	8/12/2013	398	☐ CO EIU Review & Respond to EDD 2		
63	Wetlands							
64	WTL1000 Assess Existing Wetlands	5	5/22/2013	5/29/2013	375	■ Assess Existing Wetlands		
65	WTL1010 Delineate Wetlands (Level 1)	5	5/30/2013	6/5/2013	375	Delineate Wetlands (Level 1)		
66	WTL1030 Prepare Wetlands Report	5	6/13/2013	6/19/2013	375	Prepare Wetlands Report		
67	WTL1020 Delineate Wetlands (Level 2)	5	6/6/2013	6/12/2013	375	Delineate Wetlands (Level 2)		
68	WTL0000 Wetlands Delineation and Report	20	5/22/2013	6/19/2013	375	Wetlands Delineation and Report		
69	Environmental Document							
70	Categorical Exclusion (Programmatic)							
71	CTX1000 Prepare CATEX Document	7	7/5/2013	7/15/2013	365	☐ Prepare CATEX Document		
72	Permits							
73	NPDES Stormwater Discharge Permit							
74	PNP1030 Prepare NPDES Permit Application	5	6/11/2014	6/17/2014	133	■ Prepare NPDES Permit Application		
75	PNP0000 NPDES Permit	5	6/11/2014	6/17/2014	133	□ NPDES Permit		
76	DNR Public Waters Permit							
77	DNR1010 Prepare & Submit DNR Public Waters Permit Application	5	8/30/2013	9/6/2013	315	□ Prepare & Submit DNR Public Waters Permit Application		
78	DNR1000 Coordinate Permitting Needs With DNR	40	7/5/2013	8/29/2013	315	Coordinate Permitting Needs With DNR		
79	DNR1020 Public Waters Approval by DNR	65	9/9/2013	12/11/2013	315	Public Waters Approval by DNR		
80	DNR1030 DNR Public Waters Permit Received	0		12/11/2013	315	◆ DNR Public Waters Permit Received		
81	DNR0000 DNR Public Waters Permit	110	7/5/2013	12/11/2013	315	DNR Public Waters Permit		
82	Wetlands Permit	,						
83	WTP1000 Conduct Pre-Application Meeting	5	2/18/2014	2/24/2014	216	□ Conduct Pre-Application Meeting		
84	WTP1010 Prepare & Submit Combined Permit Application	10	2/25/2014	3/10/2014	216	☐ Prepare & Submit Combined Permit Application		
85	WTP1030 Respond to COE Draft Permit Questions	20	3/11/2014	4/7/2014	216	Respond to COE Draft Permit Questions		
86	WTP1040 401 Certification by MPCA	10	4/8/2014	4/21/2014	216	☐ 401 Certification by MPCA		
87	WTP1050 404 Permit (Specify GP, LOP, SIP) Approval by COE	10	4/22/2014	5/5/2014	216	☐ 404 Permit (Specify GP, LOP, SIP) Approval by COE		
88	WTP1020 Prepare WCA Approval	40	3/11/2014	5/5/2014	216	Prepare WCA Approval		
89	WTP1060 Wetland Permit Received	0		5/5/2014	216	◆ Wetland Permit Received		
90	WTP0000 Wetlands Permit	55	2/18/2014	5/5/2014	216	Wetlands Permit		
91	Navigable Waters Permit		·					
92	NWP1000 Prepare & Submit Section 10 Permit Application	5	7/5/2013	7/11/2013	415	Prepare & Submit Section 10 Permit Application		
93	NWP1010 Permit Approval by COE	5	7/12/2013	7/18/2013	415	Permit Approval by COE		
94	NWP1020 Section 10 (Navigable Waters) Permit Received	0		7/18/2013	415	◆ Section 10 (Navigable Waters) Permit Received		
					'	<u> </u>		
	Remaining Level of Effort Actual Work Critical Rema Actual Level of Effort Remaining Work ♦ Milestone	ining Work		Page 2 of 7				

				1-MnD	OT - Gantt Chart	Layout	Print Date: 5/12
Acti	vity ID	Activity Name	Owner Original	Early Start	Early Finish	Total Float	2013 2014 2015
			Duration	(A=Actual)	(A=Actual)		F M Apr M J Jul A S Oct N D Jan F M Apr M J Jul A S Oct N D Jan F M Apr M J Jul
_		Navigable Waters Permit	10	7/5/2013	7/18/2013	415	□ Navigable Waters Permit
_ ,	Watershed F		_				
40		Prepare & Submit Watershed District Permit Application	5	12/31/2013	1/7/2014	277	Prepare & Submit Watershed District Permit Application
-		Permit Approval by Watershed District	30	1/8/2014	2/6/2014	404	Permit Approval by Watershed District
		Watershed District Permit Received	0		2/6/2014	277	♦ Watershed District Permit Received
-	WDP0000	Watershed Permit	26	12/31/2013	2/6/2014	277	Watershed Permit
	Road Desi	gn					
	Surveys						
	SUR1000	Submit Survey Request	5	10/14/2013	10/18/2013	5	Submit Survey Request
Ш	SUR0000	Surveys	49	10/14/2013	12/24/2013	98	Surveys
	District Land	d Surveys				1	
-	SDL1010	Conduct Existing Right of Way Surveys	22	10/21/2013	11/20/2013	6	Conduct Existing Right of Way Surveys
	SDL1000	Conduct Public Land Surveys (PLS)	22	10/21/2013	11/20/2013	6	Conduct Public Land Surveys (PLS)
		Conduct Existing Properties Surveys	22	11/21/2013	12/24/2013	6	Conduct Existing Properties Surveys
		Conduct As-Built Alignment Surveys	22	10/21/2013	11/20/2013	6	Conduct As-Built Alignment Surveys
-	Design Surv		<u> </u>			_	
		Conduct Topography/DTM Survey	22	10/21/2013	11/20/2013	5	Conduct Topography/DTM Survey
		Conduct Drainage Survey	22	10/21/2013	11/20/2013	5	Conduct Drainage Survey
		Conduct Utilities Survey	22	10/21/2013	11/20/2013	5	Conduct Utilities Survey
		Annotate & Fill Voids on Photo Map	22	10/21/2013	11/20/2013	120	Annotate & Fill Voids on Photo Map
-	Preliminary	·	<u> </u>	10/21/2010	1372072010		
	Staff Approx						
-111		Prepare Preliminary Geometric Layout & Profile	22	10/14/2013	11/13/2013	0	Prepare Preliminary Geometric Layout & Profile
-		Prepare Final Geometric Layout & Profile	10	11/14/2013	11/27/2013	0	Prepare Final Geometric Layout & Profile
-		GDSU Review of Geometric Layout	30	12/2/2013	1/14/2014	63	GDSU Review of Geometric Layout
-		Revise, Sign, & Distribute Geometric Layout	22	1/15/2014	2/14/2014	63	Revise, Sign, & Distribute Geometric Layout
- -		Geometric Layout	84	10/14/2013	2/14/2014	63	
Ш		·	04	10/14/2013	2/14/2014	03	Geometric Layout
-		no/Design Exception Prepare & Approve Design Memo in District	5	11/21/2013	11/27/2013	73	Prepare & Approve Design Memo in District
		Approval of Formal Design Exception by State Design Engineer	20	12/2/2013	12/30/2013	73	Approval of Formal Design Exception by State Design Engineer
				-	-		
4111		Project Design Memo	25	11/21/2013	12/30/2013	73	Project Design Memo
-		Iction Limits	5	10/0/0010	10/6/2012	0	Drangue Draliminary Crass Costians
		Prepare Preliminary Cross Sections	5	12/2/2013	12/6/2013	0	Prepare Preliminary Cross Sections Review & Revise Preliminary Cross Sections
		Review & Revise Preliminary Cross Sections	10	12/9/2013	12/20/2013	0	
		Prepare & Submit Construction Limits	5	12/23/2013	12/30/2013	0	Prepare & Submit Construction Limits
		Construction Limits	20	12/2/2013	12/30/2013	0	Construction Limits
Ш,	Recommen						
		sign Recommendation (MDR)	40	40/0/0040	40/00/0040	05	Conduct Considerated Deadline Deadline
		Conduct Supplemental Roadway Borings	10	12/9/2013	12/20/2013	95	Conduct Supplemental Roadway Borings
		Conduct Roadway Borings	10	8/16/2013	8/29/2013	167	□ Conduct Roadway Borings
		Design Pavement Alternatives	5	8/30/2013	9/6/2013	167	Design Pavement Alternatives
		Prepare LCCA	5	12/23/2013	12/30/2013	95	Prepare LCCA
		Industry Review of LCCA	10	1/15/2014	1/29/2014	95	☐ Industry Review of LCCA
		Prepare Draft MDR/Pavement Recommendation	5	1/30/2014	2/5/2014	95	Prepare Draft MDR/Pavement Recommendation
	MDR1060	Prepare MDR	15	2/6/2014	2/27/2014	95	Prepare MDR
	MDR1030	Maplewood Review of LCCA	10	12/31/2013	1/14/2014	95	☐ Maplewood Review of LCCA
	MDR0000	Materials Design Recommendation (MDR)	132	8/16/2013	2/27/2014	95	Materials Design Recommendation (MDR)
	Hydrauliae F	Design Recommendations		*			







