

	74
Eining Surface	74
Surface	74
EXIST	74
,4	74
	74
Self	74
	74
¥	74
	74
	74
	74
	74
on	2+00
	74
	74
	2+00
on	2+00
on	72+00
on	72+00
on	72 2+00
on Cross Section 3	72 2+00 75 75 75 75 75 75 75 75 75 75 75 75 75
on Cross Section 3	72+00 75 75 75 75 75 75 75 75 75 75 75 75 75
on Cross Section 3	72 2+00 75 75 75 75 75 75 75 75 75 75 75 75 75
on Cross Section 3	72+00 75 75 75 75 75 75 75 75 75 75 75 75 75
on Cross Section 3	72 2+00 75 75 75 75 75 75 75 75 75 75 75 75 75
on Cross Section 3	72+00 72+00 75 75 75 75 75 75 75 75 75 75 75 75 75
on Cross Section 3	72 2+00 75 75 75 75 75 75 75 75 75 75 75 75 75

3 R	aw coal loadout and belt	DMS	1/19/87	
4 R	oads in eastern topsoil stockpile area revised	TJA	2/26/87	
	echnical Revision-Added haul roads to raw and clean coal stockpile areas, revised access ad north of Ind. Bldg to a haul road.	DMS	4/13/87	
6 R	elocated access road in refuse area (inset 1)	DMS	2/16/88	
7 R	oad removed (approx. 1150' from mine entrance)	SM	4/4/88	
	ermit renewal	DMS	10/13/88	
	laul road north of silos added	SM	11/16/88	
	dded diesel fuel station, coal sample station, new truck dump, and temp. truck dump, rework topsoil pile. xpand raw coal pile and clean coal pile with disturbed area boundary.	DF	1/26/90	
11 A	dded Magnesium Chloride tank location and removal and reclamation of oil storage tanks	DF	6/4/90	
12 A	dded north addition to prep plant	DF	8/21/90	
13 A	dded new refuse access road (inset 1)	DF	9/25/90	
14 A	dded antifreeze tank location	DF	11/1/90	
	dded haul road extension	DF	1/25/91	
	dded haul road extension, coal stockpile areas, and related culverts	DF	12/26/91	
	dded gasoline fueling station	DF	2/4/92	
	dded haul road extension near coal lab	DF	2/21/92	Notore
	hanged permit boundary, added development coal waste pile and sewage treatment plant	RCS	2/26/93	Notes:
	hanged Coal stockpile areas	RCS	5/11/93	• Map Grid—Sta
	evised surface disturbance boundary	RCS	7/24/93	*
	evised refuse access road to as built	RCS	9/7/93	• Inset 1 shows the
	forhing recorded		0.77.07	Aerial photogra
	echnical revision loadout with batch weigh bin	RCS	9/7/93	- Aeriai photogra
	hanged access roads in refuse area, north of development coal waste pile, near east entrance to mine nd near hoist house to light use-haulroad near silos to access.	RCS	10/9/93	Surface contour
26 A	dded raw coal stacker tube. Revised RDA road and culverts, added shower trailer	RCS	12/4/93	
27 A	dded acid and antifreeze tanks and substation and material storage area revised S.D. boundary	RCS	2/7/94	
28 A	dded bioremediation storage sites	RCS	3/2/94	
	dded wells, sparge and VES points	RCS	3/8/94	
	dded slurry lines, pump and water line locations	RCS	5/9/94	
	dded rail unloading hopper with conveyor and diesel fuel tank with containment	RCS	6/8/94	
	dded sparge and VES trenches	RCS	6/15/94	
	dded pump house and deicers	RCS	10/21/94	
	evised rail unloading hopper and conveyor	RCS	3/7/95	
	dded waste oil storage with containment	RCS	3/7/95	
	dded power poles, relocated acid tank eplaced bioremediation storage site with topsoil stockpile #3	RL	7/1/95	
		DF JHK	11/6/95 10/23/97	
	pdate facility names	-		
	dd maintenance corridor evised rail unloading system, added substation, extend clean coal tunnel	JHK RGT	9/1/98 8/16/01	
	fumbered raw coal stockpiles	RGT	10/5/01	
42 R	elocated north truck dump, removed haul road to old truck dump location. Removed substation Rev 40) and access road west of coal lab.	RGT	1/23/03	
43 T	R-49: Mine dewatering system	RGT	9/18/06	
	hange turbine pump location	RGT	8/24/08	
-	plate facilities	RGT	10/31/08	
	IR 90 Temporary Facilities	RGT	1/15/10	
	IR 94 Temporary Slope Equipment	RGT	8/6/10	New I
	R-54 Surface Facilities	RGT	12/9/10	
	R-55 Add Bates Mine portal roads, add typical sections for Bates Mine access road, add sections for ates Portal Cut Area, add haul road to topsoil stockpile #3 and subsoil stockpile #2	SBP	1/24/11	
	R-55 Deleted haul road to subsoil stockpiles #2 and #3, added SAE areas, added archeological area, evised Profiles 6 and 7, revised Typical Access Road—Bates Portal	SBP	3/24/11	
51 M	IR-97 Added small spur to maintenance road to RDA	JES	09/28/11	Roads, Slop
	R-60 Changed road designations Northeast of DWDA and by prep plant, added haul road over truck scale, xpanded DWDA, added as-built sub-soil pile, moved topsoil pile	JES	12/30/11	· •
53 T	R-61 Added bathhouse and SAE by Pond 007	JES	10/19/11	DESIGNED BY: *
54 T	R-62 Changed road designations of maintenance roads to light-use roads	JES	03/12/12	DRAWN BY: JT/RJL/NM
	IR-112 DWDA Expansion	JES	4/2/12	
	R-64 Bates Shaft	JES	4/5/12	
	IR-117 Temporary DWDA pile with haul road	JES	5/15/12	
re	R-66 Increase height of DWDA #2, added haul road to RDA, added culverts to employee parking lot, evised drainage RDA conveyor area, and changed road designation north of stockpile area to haul road	JES	5/25/12	
	R-66 Minor revision to Typical RDA Haul Road Cross Section	JES	7/25/12	14 h.
	R-68 Corrections	RT	8/21/13	17
	R-70 Minor revision to Typical RDA Haul Road Profile & Cross Section	JT	4/30/14	New J
	R-76 Revision changing an access road to a haul road	NM	10/19/21	