

HIGHWAY-RAIL GRADE CROSSING

ACCIDENT/INCIDENT

FORM F 6180.57

ACCIDENT DOWNLOADS ON DEMAND

DATA FILE STRUCTURE

AND

FIELD INPUT SPECIFICATIONS

**Rail Grade Crossing Accident/Incident
Accident Downloads on Demand
Data File Structure and Field Input Specifications**

FIELD NAME	FILE POSITION	FIELD TYPE	FIELD LENGTH	DEFINITION	BLOCK# ON FORM 6180.57	CONVERSION
amtrak	1	A/N	1	amtrak involvement		
yr	2 - 3	A/N	2	year of incident	5	
imo	4 - 5	A/N	2	month of incident	5	
railroad	6 - 9	A	4	railroad code (Reporting RR)	1a	
incdtno	10 - 19	A/N	10	railroad assigned number	1b	
yr2	20 - 21	A/N	2	year of incident	5	
imo2	22 - 23	A/N	2	month of incident	5	
rr2	24 - 27	A	4	railroad code (Other RR involved)	2a	
incdtno2	28 - 37	A/N	10	other railroad assigned number	2b	
yr3	38 - 39	A/N	2	year of incident	5	
imo3	40 - 41	A/N	2	month of incident	5	
rr3	42 - 45	A	4	railroad code (RR responsible for track maintenance)	3a	
incdtno3	46 - 55	A/N	10	RR assigned number	3b	
dummy1	56	A/N	1	blank data expansion field		
casinjrr	57 - 59	N	3	# of injured for reporting Railroad calculated from F6180.55a's submitted		
gxid	60 - 66	A/N	7	grade crossing id number	4	
year	67 - 68	A/N	2	year of incident	5	
month	69 - 70	A/N	2	month of incident	5	
day	71 - 72	A/N	2	day of incident	5	

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FIELD NAME	FILE POSITION	FIELD TYPE	FIELD LENGTH	DEFINITION	BLOCK# ON FORM 6180.57	CONVERSION
timehr	73 - 74	N	2	hour of incident	6	
timemin	75 - 76	N	2	minute of incident	6	
ampm	77 - 78	A/N	2	am or pm	6	
station	79 - 98	A/N	20	Nearest Timetable Station	7	
county	99 - 118	A/N	20	County Name (see FIPS Codes for associated code)	9	
state	119 - 120	A/N	2	FIPS State Code	10	
region	121	A/N	1	FRA designated region		
dummy2	122	A/N	1	blank data expansion field		
city	123 - 142	A/N	20	City name (see FIPS Codes for associated code)	11	
highway	143 - 162	A/N	20	highway name	12	
vehspd	163 - 165	A/N	3	vehicle estimated speed: blank-Unknown	14	
typveh	166	A/N	1	highway user: A= auto B= truck C= truck-trailer D= pick-up truck E= van F= bus G= school bus H= motorcycle J= other motor veh. K=pedestrian M=other	13	
vehdir	167	A/N	1	highway user direction 1=north 2=south 3=east 4=west	15	
position	168	A/N	1	position of highway user: 1=stalled on crossing 2=stopped on crossing 3=moving over crossing 4=trapped	16	

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FIELD NAME	FILE POSITION	FIELD TYPE	FIELD LENGTH	DEFINITION	BLOCK# ON FORM 6180.57	CONVERSION
rrequip	169	A/N	1	RR equipment involved: 1= train(units pulling) 2= train (units pushing) 3= train(standing) 4=cars moving 5= car/s(standing) 6= light loco/s(moving) 7= light loco/s (standing) 8= other A= training pulling (RCL) B= train pushing (RCL) C= train standing (RCL)	17	Added new equipment
rrcar	170 - 172	A/N	3	position of car unit in train	18	
typacc	173	A/N	1	circumstance of accident: 1=rail equipment struck highway user 2=rail equipment struck by highway user	19	
hazard	174	A/N	1	entity transporting hazmat: 1=highway user 2=rail equipment 3=both 4=neither	20a	
temp	175 - 177	N	3	temperature in degrees Fahrenheit	21	
visibly	178	A/N	1	Visibility: 1=dawn 2=day 3=dusk 4=dark	22	
weather	179	A/N	1	weather conditions: 1=clear 2=cloudy 3=rain 4=fog 5=sleet 6=snow	23	
typeq	180	A/N	1	type of consist: 1= freight train 2= passenger train 3= commuter train 4= work train 5= single car 6= cut of cars 7= yard / switching 8= light loco(s) 9= maint / inspec car A= special MoW equipment	24	added new selection option

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FIELD NAME	FILE POSITION	FIELD TYPE	FIELD LENGTH	DEFINITION	BLOCK# ON FORM 6180.57	CONVERSION
typtrk	181	A/N	1	type of track: 1=main 2= yard 3= siding 4= industry	25	
trkname	182 - 201	A/N	20	track identification	26	
trkclas	202	A/N	1	FRA track class: 1-9,X	27	Increased FRA track classes from 6 to 9
nbrlocos	203 - 204	N	2	number of locomotive units	28	
nbrcars	205 - 207	N	3	number of cars	29	
trnsprd	208 - 210	A/N	3	speed of train in miles per hour blank=unknown	30	
typspd	211	A/N	1	train speed type: E=estimated, R=recorder, blank=unknown	30	
trndir	212	A/N	1	time table direction 1=north, 2=south, 3=east, 4=west	31	
signal	213	A/N	1	type of signaled crossing warning: if block 32 (crossing) = 01-06, then signal = 1-7 (see back of form 57 for valid entries)	33	
locwarn	214	A/N	1	location of warning: 1=both sides 2=side of vehicle approach 3=opposite side of vehicle approach	35	
warnsig	215	A/N	1	crossing warning interconnected with highway signals: 1=yes 2=no 3=unknown	36	
lights	216	A/N	1	lights at crossing: 1=yes 2=no 3=unknown	37	
standveh	217	A/N	1	motorist passed highway standing vehicle: 1=yes 2=no 3=unknown	42	
train2	218	A/N	1	motorist struck or was struck by 2 nd train: 1=yes 2=no 3=unknown	40	

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motorist	219	A/N	1	action of motorist: 1=drove around or thru the gate 2=stopped and then proceeded 3=did not stop 4=stopped on crossing 5=other	41	
view	220	A/N	1	primary obstruction of track view: 1=permanent structure 2=standing RR equipment 3=passing train 4=topography 5=vegetation 6=highway vehicles 7=other 8=not obstructed	43	
vehdmg	221 - 226	N	6	highway vehicle property damage in \$	47	
driver	227	A/N	1	highway vehicle driver casualty: 1=killed 2=injured 3=uninjured	44	
inveh	228	A/N	1	highway driver in vehicle: 1=yes 2=no	45	
totkld	229 - 232	N	4	total killed for railroad as reported on F6180.57		
totinj	233 - 236	N	4	total injured for railroad as reported on F6180.57		
totocc	237 - 240	N	4	total # in highway vehicle	48	
incdrpt	241	A/N	1	F6180.54 filed: 1=yes 2=no	51	
jointcd	242	A/N	1	indicates railroad reporting		
typr	243 - 244	A/N	2	type railroad - ICC categories; 1 st position indicates class 1,2,or 3 RR		
dummy3	245	A/N	1	blank data expansion field		
caskldrr	246 - 247	N	2	# killed for reporting RR - calculated F6180.55a's submitted		
dummy4	248 - 249	A/N	2	blank data expansion field		

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FIELD NAME	FILE POSITION	FIELD TYPE	FIELD LENGTH	DEFINITION	BLOCK# ON FORM 6180.57	CONVERSION
crossing	250 - 273	A/N	24	type of warning device at crossing (series of 2 digit codes) 01= gates 02= cantilever fls 03= standard fls 04= wig wags 05= highway traffic Signals 06= audible 07=cross bucks 08=stop signs 09=watchman 10=flagged by crew 11=other (specify) 12= none	32	
narrlen	274 - 277	N	4	length of narrative		
dummy5	278 - 281	A/N	4	blank data expansion field		
year4	282 - 285	A/N	4	4 digit year of incident	5	
division	286 - 305	A/N	20	railroad division	8	
public	306	A/N	1	public crossing: 1=public 2=private	12	
cntycd	307 - 309	A/N	3	FIPS county code		
stcnty	310 - 315	A/N	6	FIPS state and county code		
hzmrlsed	316	A/N	1	hazmat released by: 1=highway user 2=rail equipment blank=unknown 3=both 4=neither	20b	
hzmname	317 - 346	A/N	30	name of hazmat released	20c	
hzmqnty	347 - 349	A/N	3	quantity of hazmat released	20c	
hzmmeas	350 - 353	A/N	4	measure used in hazmat quantity field	20c	
sigwarnx	354	A/N	1	further definition of signal field: if signal=5-7, then sigwarnx=A-S (see back of form 57 for valid entries)	33	
whisban	355	A/N	1	whistle ban in effect: 1=yes 2=no 3=not provided blank=unknown	34	
drivage	356 - 357	A/N	2	vehicle driver's age: blank=unknown	38	

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drivgen	358	A/N	1	vehicle driver's gender: 1=male 2=female blank=unknown	39	
pleontrn	359 - 362	A/N	4	total # of people on train (includes passengers and crew): blank=unknown	50	
ssb1	363 - 382	A/N	20	special study block 1	53a	
ssb2	383 - 402	A/N	20	special study block 2	53b	
userkld	403 - 405	N	3	# of highway-rail crossing users killed as reported by railroad on F6180.57	46	
userinj	406 - 408	N	3	# of highway-rail crossing users injured as reported by railroad on F6180.57	46	
rrempkld	409 - 411	N	3	# of highway employees killed as reported by railroad on F6180.57	49	
rrempinj	412 - 414	N	3	# of railroad employees injured as reported by railroad on F6180.57	49	
passkld	415 - 417	N	3	# of train passengers killed as reported by railroad on F6180.57	52	
passinj	418 - 420	N	3	# of train passengers injured as reported by railroad on F6180.57	52	
narr1	421- 520	A/N	100	narrative	54	
narr2	521 - 620	A/N	100	narrative	54	
narr3	621 - 720	A/N	100	narrative	54	
narr4	721 - 820	A/N	100	narrative	54	
narr5	821 - 920	A/N	100	narrative	54	