

**APPENDIX D**  
**GX DATA FILE STRUCTURE**



## APPENDIX D

## GX DATA FILE STRUCTURE (.DBF FORMAT)

FIELD NAME	FIELD TYPE	WIDTH	FULL NAME OF THE FIELD
CROSSING	Character	7	Crossing Number
RRCODE	Character	4	Railroad
TYPE_XING	Character	1	Crossing Type
POS_XING	Character	1	Crossing Position
STATE_CD	Character	2	State numeric code
COUNTY_CD	Character	4	County numeric code
CITY_CD	Character	4	City numeric code
NEAREST	Character	1	Nearest city
RR_DIV	Character	14	Railroad Division Name
RR_SUBDIV	Character	14	Railroad Sub-Division Name
HIGHWAY	Character	7	Highway Name
STREET	Character	17	Street Name
RR_ID	Character	10	Railroad Identification Number
TTCODE	Character	6	TimeTable Station numeric code
BRANCH	Character	15	Branch or line name
MILEPOST	Character	6	Railroad Milepost
MAP_REF	Character	10	County Map Reference Number
A_PRV_CAT	Character	1	Category of Private Crossing
C_PRV_IND	Character	1	Private crossing signs
PRV_SIGNS	Character	15	Private Xing signs - specify
EFFEC_DATE	Character	6	Effective Date
INIT_AGY	Character	1	Initiating agency
REASON	Character	1	Reason for Update
DAY_THRU	Numeric	2	Day thru train movements
DAY_SWT	Numeric	2	Day switching train movements
NIGHT_THRU	Numeric	2	Night thru train movement
NIGHT_SWT	Numeric	2	Night switching train movement
LESS_1_MOV	Character	1	Less than 1 movement per day?
MAX_TT_SPD	Numeric	3	Maximum time Table speed
MIN_SPD	Numeric	3	Minimum speed range over Xing
MAX_SPD	Numeric	3	Maximum speed range over Xing
MAIN_TRK	Numeric	1	Number of Main tracks
OTH_TRK	Numeric	2	Number of Other tracks
OTH_DESCRP	Character	10	Description of other tracks
SEP_IND	Character	1	Other RR on sep. trk at Xing
SEP_RR	Character	16	Specify Railroads

FIELD NAME	FIELD TYPE	WIDTH	FULL NAME OF THE FIELD
SAME_IND	Character	1	Other RR on same track at Xing
SAME_RR	Character	16	Specify Railroads
XBUCK_RF	Numeric	1	Reflectorized crossbucks
XBUCK_NRF	Numeric	1	Non-reflectorized crossbucks
STAND_STOP	Numeric	1	Standard Highway Stop sign
OTH_STOP	Numeric	1	Other Stop Signs
OTH_SG1	Numeric	1	Number of other signs #1
OTH_SGDES1	Character	10	Specify other signs
OTH_SG2	Numeric	1	Number of other signs #2
OTH_SGDES2	Character	10	Specify other signs
GATE_RW	Numeric	1	Red/White reflectorized gates
GATE_OTH	Numeric	1	Number of other colored gates
FLASH_OV	Numeric	1	Lights over traffic lanes
FLASH_NOV	Numeric	1	Lights not over traffic lanes
FLASH_MAST	Numeric	1	Mast Mounted flashing lights
OTH_FLASH	Numeric	1	Other flashing lights
OTH_FLDESC	Character	9	Description of other lights
HWY_SIGNAL	Numeric	1	Highway Traffic Signals
WIGWAGS	Numeric	1	Wigwags
BELLS	Numeric	1	Bells
SPEC_PRO	Character	20	Device not train activated
NO_SIGNS	Character	1	No signs or Signals
COM_POWER	Character	1	Commercial Power available
SGNL_EQP	Character	1	Is track equipped with signals
SPD_SELECT	Character	1	Speed of selection trains
TYP_DEVEL	Character	1	Type of development
HWY_PVED	Character	1	Highway paved
DOWN_ST	Character	1	Does track run down street
PAVE_MARKS	Character	1	Pavement Markings
HWY_NEAR	Character	1	Nearby intersecting highway
ADV_WARN_S	Character	1	Advance Warning signs ?
XNG_ANGLE	Character	1	Smallest crossing angle
XNG_SURFAC	Character	1	Crossing surface
TRAF_LANE	Character	1	No. of Traf. lanes crossing RR
TRUCK_LANE	Character	1	Truck Pullout lanes present?
ST_HWY_1	Character	1	Is crossing on Highway System?
HWY_SYS	Character	2	Highway System Code Number
FUNC_CLS	Character	2	Functional Class of road /Xing
AADT	Character	6	Estimate AADT
PERC_TRUCK	Character	2	Estimate percent trucks
CHGDATE	Date	8	Date of record update
IDENT	Character	4	RESERVED
OUTFLAG1	Character	1	RESERVED