Entity Relationship Diagram for
RwI-RAMS Integration

Activity

PK	Activity ID
	Road Number
	Asset type code
	Primary Key
	Linear Reference Number
	Asset description
	Road Maintenance Segment
	Date of Creation
	TimeOfCreation
	Longitude
	Latitude
	Suburb
	Accomplishment ID

Requests

PK	RequestID
	RequestType
	RequestDate
FK1	AccomplishmentID
FK2	Inspection ID
	RequestNumber
	DateReceived
	TimeReceived
	CompletionDate
	CompletionTime
	Request_Comments
FK3	Activity ID
FK4	Defect ID

Accomplishment

PK	AccomplishmentID
	Activity
	RequestID
	Table1Col1
FK1	**Activity ID**
	Accomplishment Number
	Accomplishment Date
	Quantity Accomplished
	Unit Of Measure
	Second Quantity
	Second Unit of Measure
	Accomplishment_Comments
	Time Work
	Completed

Inspection

PK	Inspection ID
	Inspection Number
	Inspection Type
	Target Date
	Target Time
	Inspection Completion Date
	Inspection Completion Time
	Inspection_Comments
FK1	AccomplishmentID
FK2	Activity ID

Incident

PK	Incident ID
	AccomplishmentID
	Incident Number
	Incident Type
	DateCallReceived
	TimeCallReceived
	IncidentDescription
	AdviceReceivedFrom
	Condition At Time Of Incident
	ActionRequired
	Damage To Property
	CompletionDate
	CompletionTime
FK1	Inspection ID
FK2	Activity ID

Defects

PK	Defect ID
	Defect Number
	Date Raised
	Time Raised
	Cause Of Defect
	Reoccurring Defect
	Defect Type
	Activity ID
	Position within Location
	Defect Completion Date
	Defect Completion Time
	Estimated Quantity for repair
	Unit of Measure
	Estimated Second Quantity
	Second Unit of Measure
	Defect_Comments
FK1	AccomplishmentID
FK2	Inspection ID
FK3	Incident ID