

## Vehicles Entity Database Documentation

### Entity

## Vehicles

The Vehicles entity represents all motorized and non-motorized transportation associated with the institution. This includes university fleet vehicles as well as vehicles registered by faculty, staff, students, and visitors. The entity supports parking permit management, vehicle registration, violation tracking, and enforcement of transportation policies.

## Related Entities

### Places & Spaces

Defines parking locations including lots, garages, and individual spaces. These locations include permit requirements, restrictions, and accessibility rules.

### Person

Represents the vehicle owner or permit holder. This entity connects individuals such as faculty, staff, students, and visitors to registered vehicles and permits.

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## Key Tables

### CM\_SA\_V\_PRMT\_MSTR

#### Table Description

The CM\_SA\_V\_PRMT\_MSTR table stores master permit definitions that can be assigned to vehicles and drivers. These permits become vehicle registrations once associated with vehicle records.

#### Key Columns

##### SA\_VP\_CDE

This column stores the code representing the vehicle permit type. This column is used to join to CM\_SA\_VEHCL\_REG.SA\_VP\_CDE.

##### SA\_VP\_DESC

This column stores the description of the vehicle permit.

**SA\_VP\_DFLT\_FEE**

This column stores the default fee associated with the permit.

**FacilityPlaceAppID**

This column is a foreign key referencing the facility or place where the permit allows parking.

**Key Column Values (Codes/Statuses)****SA\_VP\_DFLT\_STS**

Possible values include:

A – Active

I – Inactive

**Additional Important Columns****APPID**

Unique identifier for the permit master record.

**SA\_VP\_TYPE**

Defines the general permit category.

**SA\_VP\_MAX\_NUM**

Maximum number of permits allowed.

**SA\_VP\_NUM\_ISSUD**

Number of permits issued.

**SA\_VP\_START\_DTE**

Permit validity start date.

**SA\_VP\_END\_DTE**

Permit validity end date.

**LOCATION\_MASTER\_APPID**

Foreign key referencing the LOCATION\_MASTER table.

**Columns No Longer In Use****BLDG\_CDE**

Building code previously associated with the permit.

**ROOM\_CDE**

Room code previously associated with the permit.

**LOC\_CODE**

Location code previously associated with the permit.

**Related Tables****LOCATION\_MASTER**

Provides detailed location information for permit applicability.

**CM\_SA\_VEHCL\_REG**

References permit codes to assign permits to vehicle registrations.

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**CM\_SA\_VEHCL\_REG****Table Description**

The CM\_SA\_VEHCL\_REG table stores vehicle registration records and links vehicles to individuals and parking permits.

**Key Columns****VP\_NUM**

Vehicle permit number. Together with SA\_VP\_CDE uniquely identifies a registration record. Can join to VEH\_VIOL\_INCD\_DTL.VP\_NUM.

**SA\_VP\_CDE**

Permit type code. Together with VP\_NUM uniquely identifies a vehicle registration. Joins to CM\_SA\_V\_PRMT\_MSTR.SA\_VP\_CDE and VEH\_VIOL\_INCD\_DTL.SA\_VP\_CDE.

**ID\_NUM\_VP HOLDER**

Identifier of the permit holder.

**VP\_STS**

Vehicle registration status.

Possible values:

A – Active

I – Inactive

**VP\_VEH\_LICNS\_NUM**

Vehicle license plate number.

**Key Column Values (Codes/Statuses)****VP\_STS**

A – Active

I – Inactive

### **Additional Important Columns**

#### **APPID**

Unique identifier of the vehicle registration.

#### **FacilityPlaceAppID**

Foreign key referencing the parking facility.

#### **VP\_START\_DTE**

Permit start date.

#### **VP\_END\_DTE**

Permit end date.

#### **VP\_FEE**

Permit fee.

#### **VP\_NUM\_VIOLATIONS**

Number of violations associated with the vehicle.

#### **VP\_VEH\_TYPE**

Vehicle type.

#### **VP\_DRV\_LICNS\_NUM**

Driver's license number.

#### **VP\_DRV\_LICNS\_ST**

Driver's license issuing state.

#### **VP\_REG\_STS**

Driver license status.

#### **VP\_DRV\_LICNS\_EXP\_D**

Driver license expiration date.

#### **VP\_ST\_VEH\_REG**

Vehicle registration state.

#### **VP\_YR\_VEH\_LICNS\_EX**

Vehicle license expiration year.

#### **VP\_VEH\_MAKE**

Vehicle manufacturer.

**VP\_VEH\_MODLE**

Vehicle model.

**VP\_VEH\_YEAR**

Vehicle year.

**VP\_VEH\_DESC**

Vehicle description.

**ID\_NUM\_VEH\_OWNR**

Vehicle owner identifier.

**VP\_OWNR\_LAST\_NME**

Owner last name.

**VP\_OWNR\_FIRST\_NME**

Owner first name.

**VP\_OWNR\_MIDL\_NME**

Owner middle name.

**Columns No Longer In Use****LOC\_CDE**

Location code.

**LOCATION\_MASTER\_APPID**

Location reference.

**BLDG\_CDE**

Building code.

**ROOM\_CDE**

Room code.

**Related Tables****LOCATION\_MASTER**

Provides detailed parking location information.

**FacilityPlace**

Defines parking facilities.

**CM\_SA\_V\_PRMT\_MSTR**

Defines permit types.

## **VEH\_VIOL\_INCD\_DTL**

Links vehicles to violation incidents.

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## **VEH\_VIOL\_INCID**

### **Table Description**

The VEH\_VIOL\_INCID table records summary information about vehicle violation incidents occurring on campus.

### **Key Columns**

#### **INCID\_NUM**

Unique incident identifier. Joins to VEH\_VIOL\_INCD\_DTL.INCID\_NUM.

#### **INCID\_DTE**

Incident date.

#### **INCID\_DESC**

Incident summary.

#### **INCID\_TXT**

Detailed incident description.

#### **INCID\_STS**

Incident status (school defined values).

#### **INCID\_FacilityPlaceAppID**

Location where the incident occurred.

#### **INCID\_FacilitySpaceAppID**

Specific space where the incident occurred.

#### **VIOL\_ACCESS\_RSTR**

Access classification for the incident.

### **Key Column Values (Codes/Statuses)**

#### **VIOL\_ACCESS\_RSTR**

G – General violation

R – Restricted violation

### **Additional Important Columns**

**SESS\_CDE**

Session code.

**REPORTED\_BY\_ID**

Reporter identifier.

**REPORTED\_DTE**

Reporting date.

**Columns No Longer In Use****INCID\_BLDG\_CDE**

Building code.

**INCID\_ROOM\_CDE**

Room code.

**INCID\_LOC\_CDE**

Location code.

**Related Tables****CM\_SESSION\_MASTR**

Defines reporting sessions.

**FACILITYSPACE**

Defines specific spaces.

**FACILITYPLACE**

Defines facilities.

**VEH\_VIOL\_INCD\_DTL**

Stores detailed violation information.

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**VEH\_VIOL\_INCD\_DTL****Table Description**

The VEH\_VIOL\_INCD\_DTL table stores detailed records of vehicle violation incidents.

**Key Columns****INCID\_NUM**

Incident identifier linking to VEH\_VIOL\_INCID.

**SEQ\_NUM**

Sequence number distinguishing multiple records per incident.

**ID\_NUM**

Identifier of involved person or vehicle.

**VIOL\_TYPE**

Foreign key to VEH\_VIOL\_TYPES.

**INVOLVE\_TYPE**

Foreign key to VEH\_INV\_TYPE\_DEF.

**VIOL\_CATEGORY**

Foreign key to VIOL\_CATEGORY\_DEF.

**SA\_VP\_CDE**

Vehicle permit code linking to CM\_SA\_VEHCL\_REG.

**VP\_NUM**

Vehicle permit number linking to CM\_SA\_VEHCL\_REG.

**DECISION\_STS**

Decision status (school defined).

**Additional Important Columns****APPID**

Unique identifier.

**SUBJECT\_PLEA**

Plea entered.

**COMMENT\_TXT**

Comments.

**INCL\_PROFILE\_RPT**

Profile report inclusion flag.

**CRIME\_SVY\_SECTION**

Crime survey section.

**CRIME\_SVY\_SECTION\_CATEGORY**

Crime survey category.

**INCL\_CCR\_REPORT**

Campus Crime Report inclusion flag.

**CCR\_SEX\_OFF\_QUAL**

Sex offense qualifier.

**CCR\_HATE\_CRIME\_BIAS\_CATGRY**

Hate crime bias category.

**CCR\_STUD\_HOUSING\_FACILITY**

Student housing indicator.

**UNFOUNDED\_CRIME**

Unfounded crime indicator.

**Related Tables****VEH\_INV\_TYPE\_DEF**

Defines involvement types.

**VIOL\_CATEGORY\_DEF**

Defines violation categories.

**VEH\_VIOL\_TYPES**

Defines violation types.

**VEH\_VIOL\_INCID**

Parent incident records.

**CM\_SA\_VEHCL\_REG**

Vehicle registration records.

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**VEH\_VIOL\_TYPES****Table Description**

The VEH\_VIOL\_TYPES table defines vehicle violation types and their descriptions.

**Key Columns****VEH\_VIOL\_TYPE**

Violation type code. Referenced by VEH\_VIOL\_INCD\_DTL.

**VEH\_VIOL\_DESC**

Violation description.

**VIOL\_CATEGORY**

Violation category foreign key.

## **VEH\_VIOL\_TYPE\_STS**

Violation type status.

### **Key Column Values (Codes/Statuses)**

## **VEH\_VIOL\_TYPE\_STS**

Y – Active

N – Inactive

### **Additional Important Columns**

#### **APPID**

Unique identifier.

#### **SHOW\_ON\_WEB**

Web display indicator.

### **Related Tables**

#### **VIOL\_CATEGORY\_DEF**

Defines violation categories.

#### **VEH\_VIOL\_INCD\_DTL**

References violation types.

#### **VEH\_VIOL\_TYPE\_SANCTION**

Associates sanctions with violation types.

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## **VEH\_INV\_TYPE\_DEF**

### **Table Description**

Defines types of vehicle involvement in incidents.

### **Key Columns**

#### **VEH\_INV\_TYPE**

Involvement type code.

#### **VEH\_INV\_DESC**

Description of involvement type.

#### **VEH\_INV\_TYPE\_STS**

Status of involvement type.

### **Key Column Values (Codes/Statuses)**

Y – Active

N – Inactive

### **Additional Important Columns**

#### **APPID**

Unique identifier.

#### **SHOW\_ON\_WEB**

Web display indicator.

### **Related Tables**

#### **VEH\_VIOL\_INCD\_DTL**

References involvement types.

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## **VIOL\_CATEGORY\_DEF**

### **Table Description**

Defines categories of vehicle violations.

### **Key Columns**

#### **VIOL\_CATEGORY**

Violation category code.

#### **VIOL\_CATEGORY\_DESC**

Violation category description.

#### **REPORT\_ON\_CCR**

Indicates Campus Crime Report inclusion.

#### **VIOL\_CATEGORY\_STS**

Category status.

### **Key Column Values (Codes/Statuses)**

Y – Active

N – Inactive

### **Additional Important Columns**

**APPID**

Unique identifier.

**VIOL\_CAT\_SORT\_ORDER**

Display order.

**SHOW\_ON\_WEB**

Web display indicator.

**Related Tables****VEH\_VIOL\_INCD\_DTL**

References violation categories.

**VEH\_VIOL\_TYPES**

References violation categories.

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**VEH\_VIOL\_SANCTION****Table Description**

Stores sanctions imposed due to vehicle violations.

**Key Columns****INCID\_NUM**

Incident identifier.

**SANCT\_CDE**

Sanction code. Foreign key to SANCTION\_DEF.

**FINE\_AMT**

Fine amount.

**IS\_CHARGED**

Y – Yes

N – No

**Key Column Values (Codes/Statuses)****SANCT\_STS**

C – Complete

IP – In Progress

O – Outstanding

PD – Paid

### **Additional Important Columns**

#### **APPID**

Unique identifier.

#### **ID\_NUM**

Person identifier.

#### **SEQ\_NUM**

Sequence number.

#### **SANCT\_BEG\_DTE**

Start date.

#### **SANCT\_END\_DTE**

End date.

#### **SANCT\_COMPLETED\_DTE**

Completion date.

#### **SANCT\_TXT**

Sanction description.

#### **APPROVED\_BY\_ID\_NUM**

Approver ID.

#### **APPROVED\_BY**

Approver name.

#### **DISCIPL\_CNTCT\_ID**

Disciplinary contact.

#### **CONTACT\_DTE**

Contact date.

### **Related Tables**

#### **SANCTION\_DEF**

Sanction definitions.

#### **VEH\_VIOL\_SANCTION\_TRANS\_HIST**

Transaction history.

**VEH\_VIOL\_INCD\_DTL**  
Incident detail context.

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## **SANCTION\_STS\_DEF**

### **Table Description**

Defines allowable sanction statuses.

### **Key Columns**

#### **SANCT\_STS\_CODE**

C – Complete  
IP – In Progress  
O – Outstanding  
PD – Paid

#### **DESCR**

Status description.

#### **ACTIVE**

Y – Active  
N – Inactive

### **Additional Important Columns**

#### **APPID**

Unique identifier.

### **Related Tables**

#### **VEH\_VIOL\_SANCTION**

References sanction status.

#### **SANCTION\_DEF**

Related sanction definitions.

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## **SANCTION\_DEF**

### **Table Description**

Defines sanction types and default parameters.

## **Key Columns**

### **SANCT\_CDE**

Sanction code.

### **SANCT\_DESC**

Sanction description.

### **DFLT\_CNTCT\_ID**

Default contact.

### **DFLT\_FINE**

Default fine.

### **SANCT\_STS\_WHEN\_MET**

Status when conditions are met.

### **SANCT\_DEF\_STS**

Y – Active

N – Inactive

## **Additional Important Columns**

### **APPID**

Unique identifier.

### **DefaultContactPartyAppID**

Default contact reference.

### **COMMENT\_TXT**

Comments.

### **CHG\_CDE**

Charge code.

### **SHOW\_ON\_WEB**

Web display indicator.

## **Related Tables**

### **VEH\_VIOL\_SANCTION**

References sanction definitions.

### **SANCTION\_STS\_DEF**

Defines sanction statuses.

## **VEH\_VIOL\_TYPE\_SANCTION**

Links sanctions to violation types.

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## **VEH\_VIOL\_TYPE\_SANCTION**

### **Table Description**

Links violation types to applicable sanctions.

### **Key Columns**

#### **VEH\_VIOL\_TYPE**

Foreign key to VEH\_VIOL\_TYPES.

#### **SANCT\_CDE**

Foreign key to SANCTION\_DEF.

### **Related Tables**

#### **SANCTION\_DEF**

Defines sanctions.

#### **VEH\_VIOL\_TYPES**

Defines violation types.

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## **VEH\_VIOL\_SANCTION\_HISTORY**

### **Table Description**

Maintains history of changes to vehicle violation sanctions.

### **Key Columns**

#### **INCID\_NUM**

Incident identifier.

#### **ID\_NUM**

Person identifier.

#### **SEQ\_NUM**

Sequence number.

#### **SANCT\_NUM**

Sanction number.

**SANCT\_CDE**

Sanction code.

**SANCT\_STS**

C – Complete

IP – In Progress

O – Outstanding

PD – Paid

**Additional Important Columns****APPID**

Unique identifier.

**VIOL\_SANCTION\_APPID**

Reference to VEH\_VIOL\_SANCTION.

**SANCT\_BEG\_DTE**

Start date.

**SANCT\_END\_DTE**

End date.

**SANCT\_COMPLETED\_DTE**

Completion date.

**FINE\_AMT**

Fine amount.

**APPROVED\_BY\_ID\_NUM**

Approver ID.

**APPROVED\_BY**

Approver name.

**SANCT\_TXT**

Notes.

**DISCIPL\_CNTCT\_ID**

Disciplinary contact.

**CONTACT\_DTE**

Contact date.

**IS\_CHARGED**

Charge indicator.

**Related Tables****VEH\_VIOL\_SANCTION**

Source sanction records.

**VEH\_VIOL\_INCID**

Incident records.

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**VEH\_VIOL\_SANCTION\_TRANS\_HIST****Table Description**

Tracks financial transactions related to vehicle violation sanctions.

**Key Columns****APPID**

Unique identifier.

**VEH\_VIOL\_SANCTION\_APPID**

Foreign key to VEH\_VIOL\_SANCTION.

**SOURCE\_CDE**

Transaction source code.

**GROUP\_NUM**

Transaction group number.

**TRANS\_KEY\_LINE\_NUM**

Transaction line number.

**Related Tables****VEH\_VIOL\_SANCTION**

Associated sanction record.

**TRANS\_HIST**

Business office transaction records.

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