

### Appendix C

### Information Systems Development Methodology for the

### **Environmental Screening Tool**





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#### Appendix C

EST Schema Diagrams Introduction Schema Design Diagrams (07/31/2010)





#### Appendix C Entity Relationship Diagrams (Updated 6/30/2010)

#### C.1 EST Schema Diagrams Introduction (Updated 6/30/2010)

The Entity Relationship (ER) diagrams for the Environmental Screening Tool (EST) (referred to as Schema Design Diagrams in the ISDM requirements) follow the Unified Modeling Language (UML) methodology. The ER diagrams include tables and foreign key relationships between tables.

The ER diagrams included in this documentation were generated using Oracle JDeveloper Studio Edition Version 10.1.3.3.0. The descriptions of the tables and foreign key relationships in Sections C.1 and C.2, respectively, are based on the Help documentation for Oracle JDeveloper Studio 11.1.1.2.0.

The ER diagram tables for the EST Secure Site are distributed in three diagrams titled Main, History, and Milestone. The Main Diagram includes all tables for storage of data, lookup tables, and association tables. The History Diagram includes history tables used to keep back-up of the data when records are deleted or modified by the user. The Milestone Diagram includes the milestone tables. A milestone table captures milestone versions of the original data for an individual record in the Main Table when the milestone package code is run. The Public Access Site diagram includes all tables required to support the Public Access Site.

To view the ER diagram tables for the EST Secure Site, open the PDF files named EST MAIN 2010, EST HISTORY 2010 and EST MILESTONES 2010. To view the Public Access Site diagram, open the PDF file named ETDM PUB MAIN 2010.

#### C.1.1 Tables

Tables are represented on diagrams as rectangles containing the name of the table and information about table columns, including data type and length.

#### C.1.2 Foreign Key Relationships

Foreign key relationships are shown between tables as solid lines, with the cardinality of the relationship being shown by the notations at the ends of the lines. The different types of cardinality are:

• 0...1 (Table A) to \* (Table B)

This cardinality represents tables where there is zero or one record in Table A that relates to zero or more records in Table B.

• 1 (Table A) to \* (Table B)

This cardinality represents tables where there is at most one record in Table A that is related to zero or more records in Table B.

• 1 (Table A) to 1 (Table B)

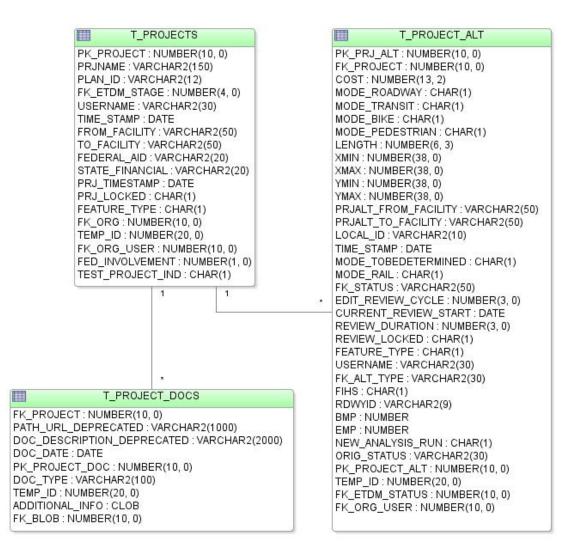
This cardinality represents tables where there is exactly one record in Table A that is related to exactly one record in Table B.

An example of the format and nomenclature used in the ER diagrams is provided below.









#### C.2 Schema Design Diagrams

To view the ER diagram tables for the EST Secure Site, open the PDF files named EST MAIN 2010, EST HISTORY 2010 and EST MILESTONES 2010. To view the Public Access Site diagram, open the PDF file named ETDM PUB MAIN 2010.



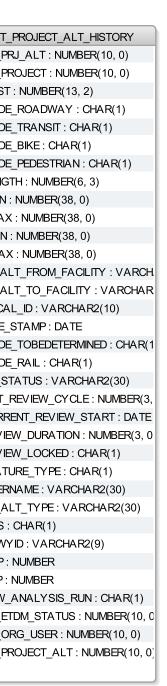


**C-2** 



T_EDMS_QUEUE_HISTORYFK_EDMS_IMPORT: NUMBER(10, 0)DOCNAME: VARCHAR2(240)XMPT_PUB_REC_CD: VARCHAR2(1)DOC_DT: DATECMIT_CD: VARCHAR2(3)DOCDESC: VARCHAR2(2)DOT_ST_HWY_SYS_CD: VARCHAR2(2)CNTY_NO: VARCHAR2(2)CNTY_NO: VARCHAR2(2)PROJ_LMT_TXT: VARCHAR2(150)STRCT_NUM_ID: VARCHAR2(8)ST_RT_NUM: VARCHAR2(8)FINFROJ: VARCHAR2(8)FINFROJ: VARCHAR2(8)INVC_ID: VARCHAR2(8)INVC_ID: VARCHAR2(8)INVC_D: VARCHAR2(8)INPROJ: VARCHAR2(8)IMPORTED_ON: DATETOBEIMPORTED: VARCHAR2(10)DCOLUMBER: NUMBER(10, 0)FRO_CON_FILE: VARCHAR2(255)CTY_NM: VARCHAR2(8)LOC_ROL_NER: NUMBER(10, 0)PROC_ON_FILE: VARCHAR2(255)CTY_NM: VARCHAR2(8)LOC_RCV_FROM_NM: VARCHAR2(15)PRIM_CNSLT_NM: NUMBER(10, 0)SUBCNSLT_NM: NUMBER(10, 0)SUBCNSLT_NM: VARCHAR2(10)FL_AW_CHAP_NUM: VARCHAR2(10)FL_AW_CHAP_NUM: VARCHAR2(10)FL_SB_NUM: VARCHAR2(8)IMPORT_NM: VARCHAR2(10)FL_ABLOB: NUMBER(10, 0)OBSOLETE: VARCHAR2(10)FL_MB_NUM: VARCHAR2(10)FL_MB_NUM: VARCHAR2(10)FL_MB_NUM: VARCHAR2(10)FL_ABLOB: NUMBER(10, 0)DBSOLETE: VARCHAR2(1)FL_ARGCY_NM: VARCHAR2(255)OBSOLETE: 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NUMBER(20, 0)	Image: Construction of the second s	T_PROJECT_POLYGON_HISTORYFK_POJECT : NUMBER(10, 0)FK_PROJECT : NUMBER(10, 0)FK_PRJ_ALT : NUMBER(10, 0)TIME_STAMP : DATEPOLY_D : VARCHAR2(12)CURR_YEAR : NUMBER(8, 0)CURR_CONFIG : VARCHAR2(15)INTRM_YEAR : NUMBER(4, 0)INTRM_AADT : NUMBER(8, 0)INTRM_CONFIG : VARCHAR2(15)PLAN_YEAR : NUMBER(4, 0)COST_AADT : NUMBER(8, 0)COST_AADT : NUMBER(8, 0)COST_CONFIG : VARCHAR2(15)NEED_AADT : NUMBER(8, 0)COST_CONFIG : VARCHAR2(15)NEED_LANES : NUMBER(8, 0)COST_CONFIG : VARCHAR2(15)STREET_NAME : VARCHAR2(30)FROM_STREET : VARCHAR2(32)TO_STREET : VARCHAR2(32)LENGTH : NUMBER(8, 3)FK_JURISDICTION : VARCHAR2(50)URB_SERVICE : VARCHAR2(6)FK_ROADWAY_FCLASS : VARCHAR2(30)SEGMENT_ID : NUMBER(10, 0)SOURCE : CHAR(1)EDT_REVIEW_CYCLE : NUMBER(3, 0)FK_PROJECT_ALT : NUMBER(10, 0)	T_PROJECT_ALT_HISTORYPK_PRUJALT: NUMBER(10, 0)FK_PROJECT: NUMBER(10, 0)COST: NUMBER(13, 2)MODE_ROADWAY: CHAR(1)MODE_TRANSIT: CHAR(1)MODE_BIKE: CHAR(1)MODE_PEDESTRIAN: CHAR(1)LENGTH: NUMBER(38, 0)XMIN: NUMBER(38, 0)YMIN: NUMBER(38, 0)YMIN: NUMBER(38, 0)YMIN: NUMBER(38, 0)PRJALT_FROM_FACILITY: VARCHARLOCAL_ID: VARCHAR2(10)TIME_STAMP: DATEMODE_TOBEDETERMINED: CHAR(1)MODE_TOBEDETERMINED: CHAR(1)MODE_RAIL: CHAR(1)FK_STATUS: VARCHAR2(30)EDIT_REVIEW_CYCLE: NUMBER(3, 0)REVIEW_LOCKED: CHAR(1)FEATURE_TYPE: CHAR(1)USERNAME: VARCHAR2(30)FK_ALT_TYPE: VARCHAR2(30)FK_ALT_TYPE: VARCHAR2(30)FMS: CHAR(1)RDWYID: VARCHAR2(9)BMP: NUMBEREMP: NUMBEREMP: NUMBERNEW_ANALYSIS_RUN: CHAR(1)FK_ETDM_STATUS: NUMBER(10, 0)FK_FROJECT_ALT: NUMBER(10, 0)	T_LAYER_DESCRIPT_HISTORYFK_LAYER_DESCRIPT: NUMBER(10, 0)SDE_REGISTRATION_D: NUMBER(10, 0)RASTER_D: NUMBER(10, 0)FK_FGDL_D: NUMBER(10, 0)LAYERNAME: VARCHAR2(30)DESCRIPTION: VARCHAR2(100)SOURCE: VARCHAR2(40)AGENCY_DIVISION: VARCHAR2(40)GRE_STATUS: VARCHAR2(10)FGD_STATUS: VARCHAR2(12)CURRENCY : NUMBER(2, 0)SCALE: VARCHAR2(25)UPDATE_CYCLE: VARCHAR2(35)ANALYSIS: CHAR(1)HCM: VARCHAR2(2)LOAD_DATE: DATEEST_DATE: DATECOMPLETENESS: VARCHAR2(1000)LIMITATIONS: VARCHAR2(1000)LAYER_NOTES: VARCHAR2(1000)LAYER_NOTES: VARCHAR2(500)DATE_DELETED: DATEUPDATE_FGDL_ID: NUMBER(10, 0)PILOT: VARCHAR2(2)EMAL_COMMENTS: VARCHAR2(500)DATE_DELETED: DATEUPDATE_FGDL_ID: NUMBER(10, 0)PILOT: VARCHAR2(2)DELFHI_LAYERNAME: VARCHAR2(30)DRAFT: VARCHAR2(2)DELPHI_REGID: NUMBER(10, 0)PILOT: VARCHAR2(2)DELPHI_REGID: NUMBER(10, 0)DELPHI_REGID: NUMBER(10, 0)	T_ANALYSIS_TYPES_HISTORYFK_ANALYSIS_TYPE: NUMBER(10, 0)ANALYSIS_D: NUMBER(10, 0)DATASOURCE: VARCHAR2(60)SOURCE: VARCHAR2(3)ANALYSIS_DESCRIPTION: VARCHAR2(2000)QUERY_STRING: VARCHAR2(1095)RESTRICTED: CHAR(1)RATER: CHAR(1)LAYEF_STATUS: CHAR(1)LAYEF_STATUS: CHAR(1)LAYEF_STATUS: COMPLETE: DATEFLAG_DELETE: CHAR(1)EST: CHAR(1)SCE: CHAR(1)CCI: CHAR(1)ICE: CHAR(1)ICE: CHAR(1)ICE: CHAR(1)ROAD_SYSTEM: NUMBER(4, 0)DOT_DISTRICT: NUMBER(4, 0)SUMM_REPORT: CHAR(1)TIME_STAMP: DATEEST_DATE_DEPRECATE: DATEEXC_REPORT: CHAR(1)FK_REGON: NUMBER(10, 0)AN_REPORT: VARCHAR2(10)HCM: CHAR(1)NOTES: VARCHAR2(50)TRIGGER_UPDATE: DATEFK_LAYER_DESCRIPT: NUMBER(10, 0)	T_ANALYSIS_REPORT_HISTORYFK_PROJECT : NUMBER(10, 0)FK_PROJECT_ALT : NUMBER(10, 0)FK_PROJECT_ALT : NUMBER(10, 0)BUFFER_DISTANCE : NUMBER(6, 0)SORT_ID : NUMBER(10, 0)ROUTINE_START_DATE :RECORD_TYPE: CHAR(1)FIELD1 : VARCHAR2(255)FIELD2 : VARCHAR2(255)FIELD3 : VARCHAR2(255)FIELD5 : VARCHAR2(255)FIELD5 : VARCHAR2(255)FIELD6 : VARCHAR2(255)FIELD7 : VARCHAR2(255)FIELD8 : VARCHAR2(255)FIELD11 : VARCHAR2(255)FIELD12 : VARCHAR2(255)FIELD11 : VARCHAR2(255)FIELD11 : VARCHAR2(255)FIELD12 : VARCHAR2(255)FIELD13 : VARCHAR2(255)FIELD14 : VARCHAR2(255)FIELD15 : VARCHAR2(255)FIELD14 : VARCHAR2(255)FIELD15 : VARCHAR2(255)FIELD14 : VARCHAR2(255)FIELD15 : VARCHAR2(255)FIELD16 : VARCHAR2(255)FIELD17 : VARCHAR2(255)FIELD18 : VARCHAR2(255)<	T_ANALYSIS_REPORT_FEAT_HIST           FK_PROJECT : NUMBER(10, 0)           FK_PROJECT_ALT : NUMBER(10, 0)           FK_FEATURE : NUMBER(10, 0)           FK_FEATURE : NUMBER(10, 0)           BUFFER_DISTANCE : NUMBER(6, 0)           SORT_ID : NUMBER(10, 0)      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T_PROJECT_COMMITMENT_HISTORYFK_PROJECT_COMMITMENT : NUMBER(10, 0)FK_PROJECT : NUMBER(10, 0)COMMIT_DATE : DATECOMMIT_TEXT : VARCHAR2(4000)COMMIT_ORG : VARCHAR2(50)FK_USERID : VARCHAR2(20)COMMIT_TEXT_CLOB : CLOBTIME_STAMP : DATEFK_ORG_USER : NUMBER(10, 0)TEMP_ID : NUMBER(20, 0)	T_PROJECT_COOR_TASKS_HISTO         FK_PROJECT : NUMBER(10, 0)         FK_COORDINATION_GROUP : NUMBER(10)         FK_COORDINATION_TASK : NUMBER(10)         COMMENTS : CLOB         TARGET_DATE : DATE         COMPLETED_DATE : DATE         FK_ORG_USER : NUMBER(10, 0)         TIME_STAMP : DATE	FK_RESPONSE : NUMBER(10, 0)         (10, 0)         RESPONSE_DATE : DATE	T_PROJECT_FM_HISTORY         FK_PROJECT_FM : NUMBER(10, 0)         FK_PROJECT : NUMBER(10, 0)         FK_PROJECT_NONEST : NUMBER         ITEM_NUM : NUMBER(6, 0)         ITEM_SEG : CHAR(1)         FK_PHASE_GROUP : CHAR(1)         FK_PHASE_TYPE : CHAR(1)         SEQUENCE_NUM : NUMBER(2, 0)         FK_ORG_USER_CRUD_BY : NUM         TIME_STAMP : DATE	FK_PROJECT : NUMBER         SPECIAL_ISSUES_COMI         AGENCY_ADDITIONAL_         COMMENTS : CLOB         ESTIMA TED_COST_SAV         ESTIMA TED_COST_INCH         ESTIMA TED_COST_INCH         ESTIMA TED_MONTHS_I	K(10, 0)       FK_PROJEC         MENTS : CLOB       PRJNAME :	CT_NONEST : NUMBER(10, 0)FK_PROJECT: VARCHAR2(150)FK_USER_IDCILITY : VARCHAR2(50)REVIEW_STATY : VARCHAR2(50)DETERM_DATNUMBER(10, 0)TIME_STAMPJSER : NUMBER(10, 0)FK_ORG_USFR : VARCHAR2(20)FK_ENVIRO_WP : DATEEXPLANATION	: NUMBER(10, 0)       FK_PROJECT : NUMBER         : VARCHAR2(20)       FK_ENVIRO_DETERM         TUS : VARCHAR2(15)       FK_ORG_USER : NUM         TE : DATE       EMAIL : VARCHAR2(2         : DATE       TIME_STAMP : DATE         FR : NUMBER(10, 0)       SIGNED_BY_LEAD : O         DETERMINATION : NUMBE       SEIR : CHAR(1)	INATION : NUMBER(10, 0)       FK_ORG_U         IBER(10, 0)       FK_AUTH_F         200)       INHERITABL         START_DA       START_DA         CHAR(1)       END_DATE         TEMP_ID : N         CHAR2(4000)       FK_ORG_U
T_ISSUE_ASSIGNMENT_HISTORYFK_ISSUE_ASSIGNMENT : NUMBER(10, 0)ASSIGNED = NUMBERASSIGNED_BY : NUMBERACTION_SUMMARY : VARCHAR2(4000)FK_ISSUE_TRACKING : NUMBERTIME_STAMP : DATEACTION_DESCRIPTION : CLOBDATE_ASSIGNED : DATEFK_ISSUE_STATUS : NUMBERDUE_DATE : DATE	T_AGENCY_FEEDBACK_HISTORY         FK_AGENCY_FEEDBACK : NUMBER(10, 0)         FK_ORG : NUMBER(10, 0)         START_DATE : DATE         END_DATE : DATE         PURPOSE : CLOB         FINALIZED : CHAR(1)         TIME_STAMP : DATE	T_DOC_APPROVAL_HIST         PK_DOC_APPROVAL : NUMBER(10, 0)         FK_DOC_REVIEW_EVENT : NUMBER(10, 0)         APPROVAL : VARCHAR2(25)         COMMENTS : CLOB         FK_DOC_APPROVAL_RESPONSE : NUMBER(10, 0)         OFFICIAL : CHAR(1)         FK_ORG_USER_CRUD_BY : NUMBER(10, 0)         TIME_STAMP : DATE	T_DIRECT_EXPENSES_HISTO FK_DIRECT_EXPENSE : NUMBER( FK_INVOICE : NUMBER(10, 0) FK_RECEIPT : NUMBER(10, 0) DESCRIPTION : VARCHAR2(100) AMOUNT : NUMBER(11, 2) TIME_STAMP : DATE FK_DIRECT_EXPENSE_TYPE : NU	(10, 0) FK_HOURS_ASSIGNMENT FK_INVOICE : NUMBER(10 FK_PROJECT : NUMBER(1 FK_AGENCY_ACTIVITY : HOURS : NUMBER NOTES : VARCHAR2(400)	T: NUMBER(10, 0)       FK_PROJECT : NUMBER         0, 0)       FK_PROJECT : NUMBER         10, 0)       PK_PRJCLBHISTORY         NUMBER(10, 0)       PROJ_PUB_CMT_SME         DESCRIPTION_SMRY       DESIRED_FEATURES	ER(10, 0)FK_PROJECT : NUMBER(10,_DATE : DATETIME_STAMP : DATEOBCOMMENTS : CLOBRY : CLOBFK_PROJECT_ALT : NUMBER: CLOBFK_ORG_USER : NUMBER(1_CLC : CLOBLAST_UPDATED : DATE0, 0)NONVIABLE_IND : CHAR(1)	0) PK_DISPUTE_SUPPORT : NUMBER JUSTIFICATION : CLOB TIME_STAMP : DATE CITATION : CLOB 0, 0) RECOMMENDED_ACTIONS : CLO FK_DISPUTE_TYPE : NUMBER(10)	R(10, 0) FK_PROJECT : NUMBER(1) FK_COORDINATION_GRO FK_COORDINATION_TAS FK_ORG_USER_RESPON B SEND_NOTICE : CHAR(1)
AT_PROJECT_COA_ORG_HISTORY FK_PROJECT : NUMBER(10, 0) FK_ORG : NUMBER(10, 0) FK_USERID : VARCHAR2(20) TIME_STAMP : DATE FK_POTENTIAL_LEAD_ORG : NUMBER(10, 0) FK_PROJECT_COA_ORG : NUMBER(10, 0)	AT_PROJECT_ETDM_ISSUES_HIST         FK_PROJECT : NUMBER(10, 0)         FK_ETDM_ISSUE : NUMBER(10, 0)         TIME_STAMP : DATE         FK_ORG_USER : NUMBER(10, 0)         QAQC_TIMESTAMP : DATE	TORY AT_PROJECT_ETDM_BENEFITS_HIS FK_PROJECT : NUMBER(10, 0) FK_BENEFIT : NUMBER(10, 0) TIME_STAMP : DATE FK_ORG_USER : NUMBER(10, 0) QAQC_TIMESTAMP : DATE	T T_ADVANCE_PAY_REQUE FK_ADVANCE_PAY_REQUEST : FK_INVOICE : NUMBER(10, 0) DESCRIPTION : VARCHAR2(200) NOTES : CLOB REQUEST_DATE : DATE	: NUMBER(10, 0) FK_AN_PACKA COMMENTS : C FK_ORG_USEF TIME_STAMP : IS_AN_COMME	AGE_COMMENTS : NUMBER(10, 0) CLOB R : NUMBER(10, 0) FM DATE FM	T_DOC_REVIEW_APPROVERS_HIST <_DOC_REVIEW_APPROVERS : NUMBER(10, 0) <_ORG_USER_APPROVER : NUMBER(10, 0) <_DOC_REVIEW_EVENT : NUMBER(10, 0) <_ORG_USER_CRUD_BY : NUMBER(10, 0) ME_STAMP : DATE	T_COMPENSATION_HISTORY         FK_COMPENSATION : NUMBER(10, 0)         FK_ADVANCE_PAY_REQUEST : NUMBER(10, 0)         DESCRIPTION : VARCHAR2(40)         COST : NUMBER(11, 2)         COMPENSATION_METHOD : VARCHAR2(40)         TIME_STAMP : DATE	T_DOC_REVIEW_COMMENTERS_H PK_DOC_REVIEW_COMMENTERS : NUMB FK_ORG_USER_COMMENTER : NUMBER(1 FK_DOC_REVIEW_EVENT : NUMBER(10, 0 FK_ORG_USER_CRUD_BY : NUMBER(10, TIME_STAMP : DATE
T_INVOICE_SIGNATURES_HISTORY         FK_INVOICE_SIGNATURE : NUMBER(10, 0)         SIGNATURE_IMAGE : BLOB         TIME_STAMP : DATE         FK_INVOICE : NUMBER(10, 0)         NAME : VARCHAR2(200)	T_FUNDING_EVENTS_HISTORYFK_FUNDING_EVENT : NUMBER(10, 0)FK_AGREEMENT : NUMBER(10, 0)FK_EVENT_TYPE : NUMBER(4, 0)EVENT_DATE : DATETIME_STAMP : DATEUNQ_MOD : NUMBER(12, 0)	T_PROJECT_COOR_CONTRACT_HIST         FK_PROJECT : NUMBER(10, 0)         CONTRACT : VARCHAR2(50)         FK_ORG_USER : NUMBER(10, 0)         TIME_STAMP : DATE         FK_ORG_USER_DELETED_BY : NUMBER(10, 0)         TIME_STAMP_DELETED_BY : NUMBER(10, 0)	FK_COMMENT : NUMBER(10, 0) FK_PROJECT : NUMBER(10, 0) FK_ORG_USER : NUMBER(10, 0) TIME_STAMP : DATE	FK_ORG_USER_JUR FK_REGION : NUMBE FK_ORG_USER_AU ENABLED : CHAR(1)	RISDICTION : NUMBER(10, 0)       FK_REVIE         ER(10, 0)       FK_INVOI         THORITY : NUMBER(10, 0)       COMMENT         )       FK_ORG_         UD_BY : NUMBER(10, 0)       REVIEWER	EWER_COMMENT : NUMBER(10, 0)FK_SALAFICE : NUMBER(10, 0)FK_INVOIDT_DATE : DATENAMEJOB		BER(10, 0)FK_PROJECT_WEBSITELOBWEBSITE_LINK : VARCHEFK_PROJECT : NUMBERBER(10, 0)FK_ORG_USER_CRUD_
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**Environmental Screening Tool ISDM - Appendix C** 



T ANALYSIS TYPES HISTORY
FK_ANALYSIS_TYPE: NUMBER(10, 0)
ANALYSIS ID: NUMBER(10, 0)
DATASOURCE : VARCHAR2(60)
SOURCE : VARCHAR2(8)
ANALYSIS_NAME: VARCHAR2(100)
ANALYSIS_DESCRIPTION : VARCHAR2(2000)
QUERY_STRING: VARCHAR2(1095)
RESTRICTED : CHAR(1)
REFER_TO: VARCHAR2(150)
RASTER : CHAR(1)
LAYER_STATUS : CHAR(1)
LAYER_STATUS_COMPLETE : DATE
FLAG_DELETE : CHAR(1)
EST : CHAR(1)
SCE: CHAR(1)
CCI: CHAR(1)
ICE : CHAR(1)
BUFFERS : CHAR(1)
ROAD_SYSTEM: NUMBER(4, 0)
DOT_DISTRICT : NUMBER(4, 0)
SUMM_REPORT : CHAR(1)
TIME_STAMP: DATE
EST_DATE_DEPRECATE : DATE
EXEC_REPORT : CHAR(1)
FK_REGION : NUMBER(10, 0)
AN_REPORT : VARCHAR2(10)
HCM : CHAR(1)
NOTES : VARCHAR2(50)
TRIGGER_UPDATE: DATE
FK_LAYER_DESCRIPT: NUMBER(10, 0)

T_ANALYSIS_REPORT_HISTORY
FK_PROJECT : NUMBER(10, 0)
FK_PRJ_ALT: NUMBER(10, 0)
FK_PROJECT_ALT: NUMBER(10, 0)
FK_ANALYSIS_TYPE:NUMBER(10,0)
BUFFER_DISTANCE: NUMBER(6, 0)
SORT_ID : NUMBER(10, 0)
ROUTINE_START_DATE : DATE
TIME_STAMP : DATE
RECORD_TYPE: CHAR(1)
FIELD1 : VARCHAR2(255)
FIELD2 : VARCHAR2(255)
FIELD3 : VARCHAR2(255)
FIELD4 : VARCHAR2(255)
FIELD5 : VARCHAR2(255)
FIELD6 : VARCHAR2(255)
FIELD7 : VARCHAR2(255)
FIELD8 : VARCHAR2(255)
FIELD9 : VARCHAR2(255)
FIELD10 : VARCHAR2(255)
FIELD11 : VARCHAR2(255)
FIELD12 : VARCHAR2(255)
FIELD13 : VARCHAR2(255)
FIELD14 : VARCHAR2(255)
TOTAL_NUM_FEATURES : NUMBER(10, 0
TOTAL_FEAT_ACRES : NUMBER(10, 2)
FIELD15 : VARCHAR2(255)
FIELD16 : VARCHAR2(255)
FIELD17 : VARCHAR2(255)
FIELD18 : VARCHAR2(255)

T_ANALYSIS_REPO
FK_PROJECT : NUMBER
FK_PRJ_ALT : NUMBER(
FK_PROJECT_ALT : NUM
FK_FEATURE : NUMBER
FK_ANALYSIS_TYPE: N
BUFFER_DISTANCE : NU
SORT_ID : NUMBER(10,
ROUTINE_START_DATE
TIME_STAMP: DATE
RECORD_TYPE : CHAR(
FIELD1: VARCHAR2(25
FIELD2 : VARCHAR2(25
FIELD3: VARCHAR2(25
FIELD4 : VARCHAR2(25
FIELD5: VARCHAR2(25
FIELD6: VARCHAR2(25
FIELD7 : VARCHAR2(25
FIELD8 : VARCHAR2(25
FIELD9: VARCHAR2(25
FIELD10: VARCHAR2(2
FIELD11: VARCHAR2(2
FIELD12 : VARCHAR2(2
FIELD13:VARCHAR2(2
FIELD14 : VARCHAR2(2
TOTAL_NUM_FEATURES
TOTAL_FEAT_ACRES :
FIELD15 : VARCHAR2(2
FIELD16: VARCHAR2(2
FIELD17: VARCHAR2(2
FIELD18: VARCHAR2(2

## **Entity Relationship Diagram - History - Secure Site**



T_ENVIRO_DETERM_HISTORY           FK_PROJECT : NUMBER(10, 0)           COE : CHAR(1)           USCG : CHAR(1)           FWS : CHAR(1)           FWS : CHAR(1)           EPA : CHAR(1)           FK_ACTION : VARCHAR2(50)           FK_OUTREACH : NUMBER(10, 0)           SECTION_4F : CHAR(1)           SECTION_106 : CHAR(1)           ESA : CHAR(1)           PUB_HEARING_DATE : DATE           FK_TRANSCRIPT : VARCHAR2(100)           FK_LEAD_FED_ORG : NUMBER(10, 0)           FHWA : CHAR(1)           FRA : CHAR(1)           FTA : CHAR(1)           FTA : CHAR(1)           FTA : CHAR(1)           FTA : CHAR(1)
COE : CHAR(1) USCG : CHAR(1) FWS : CHAR(1) EPA : CHAR(1) FK_ACTION : VARCHAR2(50) FK_OUTREACH : NUMBER(10, 0) SECTION_4F : CHAR(1) SECTION_106 : CHAR(1) ESA : CHAR(1) PUB_HEARING_DATE : DATE FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
USCG : CHAR(1) FWS : CHAR(1) EPA : CHAR(1) FK_ACTION : VARCHAR2(50) FK_OUTREACH : NUMBER(10, 0) SECTION_4F : CHAR(1) SECTION_106 : CHAR(1) ESA : CHAR(1) PUB_HEARING_DATE : DATE FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
FWS : CHAR(1) EPA : CHAR(1) FK_ACTION : VARCHAR2(50) FK_OUTREACH : NUMBER(10, 0) SECTION_4F : CHAR(1) SECTION_106 : CHAR(1) ESA : CHAR(1) PUB_HEARING_DATE : DATE FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
EPA : CHAR(1) FK_ACTION : VARCHAR2(50) FK_OUTREACH : NUMBER(10, 0) SECTION_4F : CHAR(1) SECTION_106 : CHAR(1) ESA : CHAR(1) PUB_HEARING_DATE : DATE FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
FK_ACTION : VARCHAR2(50) FK_OUTREACH : NUMBER(10, 0) SECTION_4F : CHAR(1) SECTION_106 : CHAR(1) ESA : CHAR(1) PUB_HEARING_DATE : DATE FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
FK_OUTREACH : NUMBER(10, 0) SECTION_4F : CHAR(1) SECTION_106 : CHAR(1) ESA : CHAR(1) PUB_HEARING_DATE : DATE FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
SECTION_4F : CHAR(1) SECTION_106 : CHAR(1) ESA : CHAR(1) PUB_HEARING_DATE : DATE FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
SECTION_106 : CHAR(1) ESA : CHAR(1) PUB_HEARING_DATE : DATE FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
ESA : CHAR(1) PUB_HEARING_DATE : DATE FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
PUB_HEARING_DATE : DATE FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
FK_TRANSCRIPT : VARCHAR2(100) FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
FK_CERT_OPPORTUNITY : VARCHAR FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
FK_LEAD_FED_ORG : NUMBER(10, 0) FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
FHWA : CHAR(1) FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
FRA : CHAR(1) FTA : CHAR(1) NMFS : CHAR(1)
FTA : CHAR(1) NMFS : CHAR(1)
NMFS : CHAR(1)
NONE : CHAR(1)
FK_ENVIRO_DETERMINATION : NUMBI
FK_ORG_USER : NUMBER(10, 0)
TIME_STAMP: DATE
TEMP_ID: NUMBER(20, 0)
REV_NUMBER: NUMBER(10, 0)

T_COMM_POLY_NEW_HISTORY
FK_COMM_POLY:NUMBER(10,0)
NAME: VARCHAR2(100)
TIME_STAMP: DATE
BACKGROUND : CLOB
COMM_GOALS : CLOB
SPEC_GRP:VARCHAR2(40)
ETHN_COMP: VARCHAR2(50)
STRUC_AGE: VARCHAR2(100)
STRUC_COND: VARCHAR2(150)
OCCUP_TYP:VARCHAR2(80)
DOM_EMPL:VARCHAR2(80)
TAX_SRC:VARCHAR2(150)
PROP_VALS : VARCHAR2(150)
MAJ_EMPL:CLOB
PHYS_CHARS : CLOB
STRUC_TYP:VARCHAR2(100)
WRK_FORCE: VARCHAR2(150)
BASE_YR:NUMBER(4,0)
POP_BASE_YR:NUMBER(20,0)
INTRM_YR:NUMBER(4,0)
POP_INTRM_YR:NUMBER(20,0)
PLAN_YR:NUMBER(4,0)
POP_PLAN_YR:NUMBER(20,0)
FK_ORG_USER : NUMBER(10, 0)

T_ANALYSIS_QUEUE_HISTORY
SORTID : NUMBER(10, 0)
FK_PROJECT : NUMBER(10, 0)
FK_PRJ_ALT:NUMBER(10,0)
K_PROJECT_ALT: NUMBER(10, 0)
NALYSIS_MODE: CHAR(1)
CPU:NUMBER(1,0)
2_STATUS : CHAR(1)
/ILES:NUMBER(3,0)
Q_FLAG : CHAR(1)
NALYSIS_TIME: NUMBER(10, 2)
IME_STAMP: DATE
RROR_MSG:VARCHAR2(200)
TEMP_ID: NUMBER(20, 0)
EATURES : CHAR(1)
BUFFERS : CHAR(1)
FOOTPRINT : CHAR(1)
NALYSIS_TIME_ALT: NUMBER(10, 2)
NALYSIS_TIME_FEATURE : NUMBER(1
K_MILESTONE: NUMBER(10, 0)

T_PROJECT_REVIEWS_HISTORY
FK_ISSUE : NUMBER(10, 0)
FK_REVIEW_ORG : NUMBER(10, 0)
FK_PROJECT : NUMBER(10, 0)
FK_ETDM_STAGE: NUMBER(4, 0)
AGENCY_INVOLVEMENT: CHAR(1)
REVIEW_TEXT : CLOB
FK_USERID: VARCHAR2(20)
REVIEW_DATE : DATE
FK_REVIEW_STATUS : VARCHAR2(25)
PK_REVIEW : NUMBER(10, 0)
FK_EFFECT : VARCHAR2(25)
FK_PRJ_ALT: NUMBER(10, 0)
FK_ORG_USER : NUMBER(10, 0)
FK_EFFECT_ID: NUMBER(10, 0)
FK_PROJECT_ALT: NUMBER(10, 0)
FK_COORD_DOC: NUMBER(10, 0)
TIME_STAMP : DATE
FK_DISPUTE_SUPPORT : NUMBER(10, 0)

FK\_ISSUE : I FK\_ISSUE : I FK\_PROJEC FK\_ETDM\_S FK\_USERID FK\_SUMMA SUMMARY\_ TECH\_STU STATUS\_FIN FK\_PRJ\_AL FK\_CALC\_I SUMMARY\_ FK\_EFFECTS FK\_PROJECT FK\_CALC\_EF FK\_ORG\_USER : NUMBER(10, 0) FK\_SUMMARY\_EFFECT\_ID : NUMBER(10, 0)

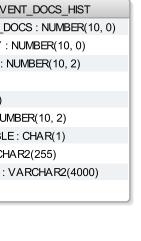
	T_HURRICANEMAP_HISTORYFK_PROJECT : NUMBER(10, 0)FK_PRJ_ALT : NUMBER(10, 0)FK_PROJECT_ALT : NUMBER(10, 0)TIME_STAMP : DATEFILE_NAME : VARCHAR2(100)FILE_PATH : VARCHAR2(100)FK_HURRICANEMAP_QUEUE : NUMBEFILE_GEN_DATE : DATEFILE_BINARY : BLOBFILE_TYPE : VARCHAR2(10)FK_HURRICANEMAP : NUMBER(10, 0)EDIT_REVIEW_CYCLE : NUMBER(10, 0)FK_HCM_TYPE : NUMBER(10, 0)ORDER_IDX : NUMBER(10, 0)	FK_ANALYS FK_ANALYS EST : CHAR( SCE : CHAR( CCI : CHAR( ICE : CHAR( ACTION : VA FIELD_NAME	1) ) RCHAR2(12) : VARCHAR2(45) S: VARCHAR2(80) AR(1) MBER(2, 0)	FK_IS TITLE DESCI FK_IS FK_IS RESO DUE_I SUBM SUBM TIME_S	T_ISSUE_TRACKING_HISTORY SUE_TRACKING : NUMBER(10, : VARCHAR2(200) RIPTION : CLOB SUE_CATEGORY : NUMBER SUE_PRIORITY : NUMBER LUTION : CHAR(1) DATE : DATE ITTED_BY : NUMBER(10, 0) ISSION_DATE : DATE STAMP : DATE SUE_TYPE : NUMBER ED_DATE : DATE	0)	FK_SCHEDU FK_SCHEDU FK_PROJEC ANTICIPATE ACTUAL_D/ NOTES : VA TIME_STAM ESTIMATED MULTIPLE_II FK_SUBTYF MAJOR_CH/	D_DATE : DATE ATE : DATE RCHAR2(4000) P : DATE _MONTHS : NUME	IBER E:NUMBER	PK_DOC_RE FK_ORG_US FK_DOC_RE TIME_STAM FK_BLOB : 1 FK_EDMS_C LINE_NUMBE DOCUMENT_	EVIEW_EVENT_[ SER_CRUD_BY EVIEW_EVENT : P : DATE NUMBER(10, 2) CATEGORY : NU ERS_AVAILABL _NAME : VARCH	E:CHAR(1)
	Z_ORG_USER_AUTHORITY         FK_ORG_USER_AUTHORITY : NUW         FK_ORG_USER : NUMBER(10, 0)         FK_AUTH_ROLE : NUMBER(2, 0)         INHERITABLE : CHAR(1)         START_DATE : DATE         END_DATE : DATE         TEMP_ID : NUMBER(20, 0)         FK_ORG_USER_CRUD_BY : NUMBER         TIME_STAMP : DATE	BER(10, 0)	T_SYSTEM_REVIEWS FK_ROAD_SYSTEM : NUM FK_ORG : NUMBER(10, 0) FK_ISSUE : NUMBER(10, 0) DK_REVIEW_DATE : DATE SACIE_TEXT : CLOB FK_REVIEW_STATUS : VA FK_EFFECT : VARCHAR2( AGENCY_INVOLVEMENT TIME_STAMP : DATE	//BER(10, 0) )) E ARCHAR2(25) (25)	T_TRAN_I FK_ROAD_SYSTEM PLAN_YEAR : NUME SYSTEM_NEEDS : O SYSTEM_PUB_CMT SUMMARY_SACIE_ DESCRIPT : VARCH TIME_STAMP : DATE FK_PLAN : NUMBEF FK_ORG : NUMBEF FK_ORG : NUMBEF	BER(4, 0) LOB _SMRY : CLOB FILE : VARCHAP AR2(255) E (10, 0) 10, 0) ER(10, 0)		COVER_L COVER_L AN_PACH FK_SUMF FK_ORG_ TIME_STA TEMP_ID FK_PROJ AN_PACH	T_AN_PACKAGE ACKAGE : NUMBE ETTER_TXT : CLOR ETTER_PDF : BLOB AGE_PDF : BLOB PT_MILESTONE_SI USER_CRUD_BY : MP : DATE NUMBER(20, 0) ECT : NUMBER(10, (_PDF_CRUD_LAS) (AGE_LITE_PDF : E	R(10, 0) 3 3 RC : NUMBER(10, 0) NUMBER(10, 0) 0) T : DATE		T_BL FK_BLOB : NUM FK_DOCUMENT_ FILE_NAME : VA FILE_EXT : VAR FILE_DESCRIPTK FILE_DATA : BL FK_ORG_USER TIME_STAMP : D DOCUMENT_TITL
FK_ FK_ FK_ SE <sup>t</sup> FK_	T_PROJECT_COOR_TASK_RESP_HIST PROJECT : NUMBER(10, 0) COORDINATION_GROUP : NUMBER(10, 0) COORDINATION_TASK : NUMBER(10, 0) ORG_USER_RESPONSIBLE : NUMBER(10, 0) ND_NOTICE : CHAR(1) ORG_USER_UPDATED_BY : NUMBER(10, 0) E_STAMP : DATE EMAIL_HISTORY : NUMBER(10, 0)	FK FK FK FK TM FK TE	T_REQ_TECH_STUDIES_HISTO REVIEW : NUMBER(10, 0) _TECHID : NUMBER(10, 0) _PROJECT : NUMBER(10, 0) _USERID : VARCHAR2(20) IESTAMP : DATE _REQ_TECH_STUDY : NUMBER( CH_STUDY_CONDITIONS : CLOE _ORG_USER : NUMBER(10, 0)	10, 0)	T_SEGMENT_FUNDING FK_SEGMENT : NUMBER(10 FK_PROJECT : NUMBER(10 FK_PRJ_ALT : NUMBER(10, FK_FUNDING_SOURCE : VA AMOUNT : NUMBER(13, 2) TEMP_ID : NUMBER(20, 0) FK_PROJECT_ALT : NUMBE TIME_STAMP : DATE	9, 0) 0) 0) ARCHAR2(30)	FK FK FK TI FK PE	T_REQ_PERMIT _REVIEW : NUME _PERMIT_ID : NUM _USERID : VARC /IESTAMP : DATE _REQ_PERMIT : N RMIT_CONDITION _ORG_USER : NU	BER(10, 0) MBER(10, 0) IBER(10, 0) HAR2(20) MUMBER(10, 0) IS : CLOB	FK_SUMM FK_ROAL PLAN_YE FK_ETDM FINALIZE STATUS_ FK_USER	JMMARY_REPORT JARY_REPORT )_SYSTEM : NUI FAR : NUMBER(4 _STAGE : NUME _DATE : DATE _DATE : DATE FINAL : CHAR(1 ID : VARCHAR2 MP : DATE	NUMBER(10, 0) MBER(10, 0) , 0) BER(10, 0)
V_C CO V_E	IEW_COMMENTERS_HIST COMMENTERS : NUMBER(10, 0) MMENTER : NUMBER(10, 0) EVENT : NUMBER(10, 0) UD_BY : NUMBER(10, 0) E	FK_ORG : NUMBI FK_ACTION : VA AVERAGE_TIME_	RCHAR2(50) _PROCESS_MONTHS : NUMBER( vT : NUMBER(10, 0) NUMBER(10, 0)	10, 0)	T_DOC_REVIEW_R PK_DOC_REVIEW_RESPOI FK_ORG_USER_RESPOND FK_DOC_REVIEW_EVENT FK_ORG_USER_CRUD_BY TIME_STAMP : DATE	NDERS:NUMBE ER:NUMBER(10 NUMBER(10,0	R(10, 0) 0, 0)	FK_ORG FK_COS FK_ACTI COST : N FK_ORG	DISTRICT_COSTS_ : NUMBER(10, 0) T_CATEGORY : NU ON : VARCHAR2(5 IUMBER(16, 2) _USER : NUMBER(7 AMP : DATE	JMBER(10, 0) ;0)	FK_ENVIF FK_PROJI FK_ORG_ FEEDBAC TIME_STA	WIRODOC_FEED RODOC_FEEDBAC ECT_DOC : NUMB USER_CRUD_BY K_TEXT : CLOB MP : DATE NUMBER(20, 0)
W F# F#	T_PROJECT_WEBSITE_HISTORY (PROJECT_WEBSITE : NUMBER(10, 0) EBSITE_LINK : VARCHAR2(150) (PROJECT : NUMBER(10, 0) (ORG_USER_CRUD_BY : NUMBER(10, 0) (ORG_CREATED_BY : NUMBER(10, 0) ME_STAMP : DATE	FK_PROJI SUMMAR TIME_STA EVENT : V FK_ORG_	//MARY_NOTIF_QUEUE_HISTOR ECT : NUMBER(10, 0) (_STATUS : NUMBER(4, 0) MP : DATE 'ARCHAR2(100) USER : NUMBER(10, 0) _STAGE : NUMBER(3, 0)	Fr Fr RI TII	T_COMM_POLY_RESULTS_F (_COMM_POLY : NUMBER(10, ( (_ANALYSIS_FIELD : NUMBER( ESULT_TEXT : VARCHAR2(100 ME_STAMP : DATE ESCRIPT : VARCHAR2(50)	)) 10, 0)	FK_CO FK_CO RESPO DESCR FK_USI	_	E	UMBER	FK_SURVEY_A ANSWER_TEXT FK_SURVEY_C FK_SURVEY_Q TIME_STAMP : [	ANSWER_HISTO NSWER : NUMBEI : VARCHAR2(40 OMPLETED : NUM UESTION : NUMBI DATE /ARCHAR2(4000
	T_COORDINATION_TASKS_HISTORY         FK_COORDINATION_TASK : NUMBER(10, 0)         DESCRIPTION : VARCHAR2(255)         FK_ORG_USER : NUMBER(10, 0)         TIME_STAMP : DATE	FK_E DESC FK_O	_ETDM_ISSUES_HISTORY TDM_ISSUE : NUMBER(10, 0) RIPTION : VARCHAR2(255) RG_USER : NUMBER(10, 0) STAMP : DATE	FK_BEN DESCRII FK_ORC	TDM_BENEFITS_HISTORY IEFIT : NUMBER(10, 0) PTION : VARCHAR2(255) G_USER : NUMBER(10, 0) FAMP : DATE	FK_K FK_K FK_C	_ISSUE_AGENC' SSUE_AGENCY : SSUE_TRACKING ORG : NUMBER _STAMP : DATE	NUMBER	FK_O RESP TOTA	_SURVEY_ANSWER_S RG : NUMBER(10, 0) ONDER : VARCHAR2( L_PERCENTAGE : NU 'EY_YEAR : NUMBER(	20) MBER(5, 2)	FP FP T1

FECTS_SUMMARY_HISTORY
: NUMBER(10, 0)
ECT: NUMBER(10, 0)
STAGE: NUMBER(4, 0)
D:VARCHAR2(20)
ARY_EFFECT: VARCHAR2(100)
/_TEXT : CLOB
JDIES : VARCHAR2(100)
FINAL : CHAR(1)
LT: NUMBER(10, 0)
_EFFECT:VARCHAR2(100)
<pre>/_REPORT_ID : NUMBER(10, 0)</pre>
TS_SUMMARY:NUMBER(10,0)
MP:DATE
ECT_ALT:NUMBER(10,0)
_EFFECT_ID: NUMBER(10, 0)

T_COMMUNICATION_LOG_HISTORY
FK_COMMUNICATION_LOG : NUMBER
INITIAL_DATE : DATE
DESCRIPTION : VARCHAR2(4000)
ACTIONS : VARCHAR2(4000)
INFORMATION_REQUEST : CHAR(1)
RESPONSE_REQUIRED : CHAR(1)
DOCUMENT : BLOB
CONTACT_NAME: VARCHAR2(60)
CONTACT_ADDRESS1 : VARCHAR2(60)
CONTACT_ADDRESS2 : VARCHAR2(60)
CONTACT_CITY : VARCHAR2(30)
CONTACT_STATE: VARCHAR2(2)
CONTACT_PHONE: VARCHAR2(20)
CONTACT_EMAIL: VARCHAR2(100)
CONTACT_ZIPCODE : VARCHAR2(10)

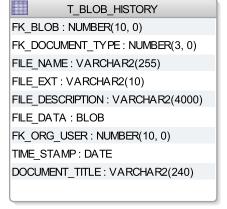
FK\_ORG\_USER : NUMBER TIME\_STAMP: DATE

T_AGENCY_ACTIVITY_LOG_HISTORY
FK_AGENCY_ACTIVITY_LOG:NUMBER(10,0)
FK_INVOICE : NUMBER(10, 0)
FK_ACTIVITY_TYPE:NUMBER(4,0)
FK_ORG_USER : NUMBER(10, 0)
ACTIVITY_DATE : DATE
ACTION : CLOB
PLACE: NUMBER(4,0)
DESCRIPTION : VARCHAR2(200)
FK_PROJECT : NUMBER(10, 0)
FK_PROJECT_NONEST : NUMBER(10, 0)
TIME_STAMP : DATE
FK_WORK_PROGRAM_PHASE:NUMBER(4,0)
HOURS : NUMBER(7, 2)
NONETDM_PROJECT_NAME: VARCHAR2(200)
FM_NUMBER:NUMBER(11,0)



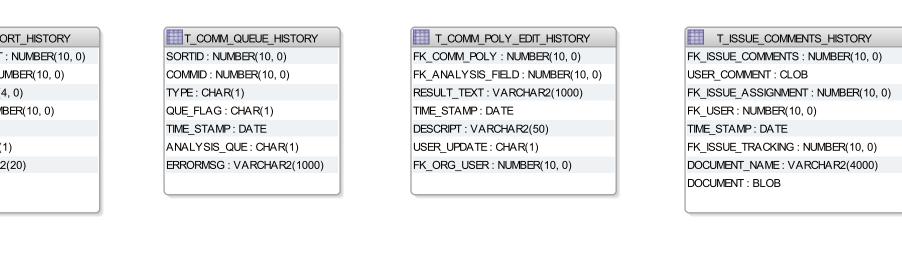
T\_ETAT\_LIBRARY\_HISTORY FK\_LIBRARY : NUMBER DOCUMENT\_NAME\_DEPRECATED: VARCHAR2(100) DOCUMENT\_URL\_DEPRECATED : VARCHAR2(100) CATEGORY\_TOBEREMOVED: VARCHAR2(100) DESCRIPTION\_DEPRECATED: VARCHAR2(1000) TIME\_STAMP: DATE FK\_USER\_TOBEREMOVED : NUMBER(10, 0) HIDE\_FROM\_LIBRARY : CHAR(1) FK\_BLOB: NUMBER(10, 0) FK\_ORG\_USER : NUMBER(10, 0)

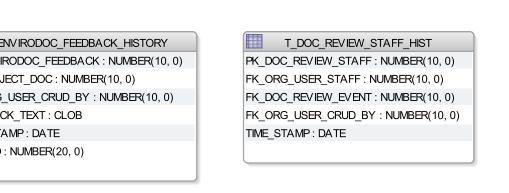
T\_ICAR\_DETERMINATION\_HISTORY FK\_ICAR\_DETERMINATION: NUMBER(10, 0) FK\_ICAR\_WORKSHEET : NUMBER(10, 0) FK\_EO\_12372\_NEPA : NUMBER(10, 0) FK\_FED\_CONSISTENCY : NUMBER(10, 0) COMMENTS : CLOB FK\_ORG\_USER\_CRUD\_BY : NUMBER(10, 0) TIME\_STAMP: DATE FK\_PROJECT : NUMBER(10, 0) DETERMINATION : CHAR(1)



T\_HARDCOPY MAP\_PRJ\_HISTORY FK\_PROJECT : NUMBER(10, 0) TIME\_STAMP: DATE FILE\_NAME: VARCHAR2(150) FILE\_PATH: VARCHAR2(100) MAP\_TYPE: VARCHAR2(100) FILE\_GEN\_DATE : DATE FILE\_BINARY : BLOB FILE\_TYPE: VARCHAR2(10) FK\_HCM\_TYPE: NUMBER(10, 0) FK\_HARDCOPY MAP\_PRJ : NUMBER(10, 0)

T\_DATA\_QUALITY\_HISTORY FK\_DATA\_QUALITY : NUMBER FK\_ORG\_USER : NUMBER RATING : NUMBER FEEDBACK\_COMMENT: VARCHAR2(4000) TIME\_STAMP : DATE FK\_PROJECT : NUMBER FK\_ORG : NUMBER FK\_DATA\_QUALITY\_TYPE: NUMBER FK\_REVIEW : NUMBER





T\_DOC\_REVIEW\_RESPONSE\_HIST FK DOC REVIEW RESPONSE : NUMBER(10, 0) FK\_DOC\_REVIEW\_REVIEW : NUMBER(10, 0) COMMENTS : CLOB FK\_ORG\_USER\_CRUD\_BY : NUMBER(10, 0) TIME\_STAMP: DATE

AT\_AN\_PRJ\_EXCLUDED\_RECIP\_HIST \_ANSWER\_HISTORY ANSWER: NUMBER FK\_ORG\_USER: NUMBER(10, 0) : VARCHAR2(4000) FK\_PROJECT : NUMBER(10, 0) COMPLETED : NUMBER TIME\_STAMP : DATE QUESTION : NUMBER FK\_ORG\_USER\_CRUD\_BY : NUMBER(10, 0) DATE VARCHAR2(4000)

AT\_AN\_PROJECT\_RECIPIENTS\_HIST FK\_ORG\_USER: NUMBER(10, 0) FK\_PROJECT : NUMBER(10, 0) FK\_ORG\_CRUD\_BY : NUMBER(10, 0) TIME\_STAMP: DATE FK\_ORG\_USER\_CRUD\_BY : NUMBER(10, 0)

AT\_COORDINATION\_GRP\_TASKS\_HIST FK\_COORDINATION\_GROUP: NUMBER(10, 0) FK\_COORDINATION\_TASK: NUMBER(10, 0) FK\_ORG\_USER : NUMBER(10, 0) TIME\_STAMP: DATE

T\_ISSUE\_RECIPIENT\_HISTORY FK\_ISSUE\_RECIPIENT : NUMBER(10, 0) FK\_ISSUE\_TRACKING : NUMBER(10, 0) FK\_USER: NUMBER(10, 0) TIME\_STAMP: DATE







**Environmental Screening Tool ISDM - Appendix C** 



### **Entity Relationship Diagram - Main Diagram - Secure Site**

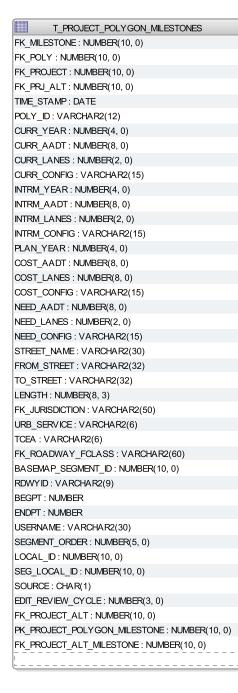


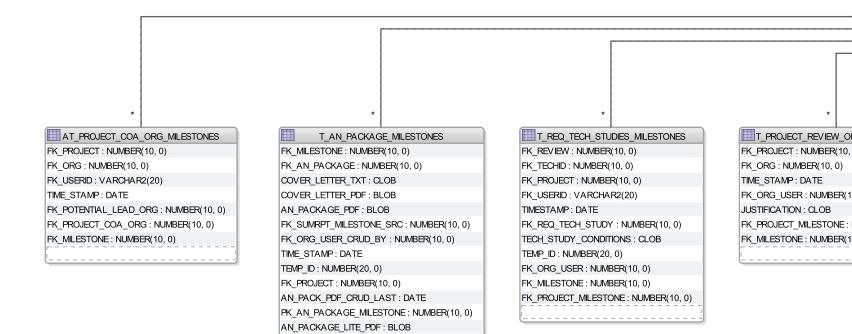


#### T\_HARDCOPYMAP\_PRJ\_MILESTONES FK\_HARDCOPYMAP\_PRJ:NUMBER(10, 0) FK\_MILESTONE : NUMBER(10, 0) FK\_HCM\_TYPE: NUMBER(10, 0) FILE\_TYPE: VARCHAR2(5) FK\_PROJECT : NUMBER(10, 0)

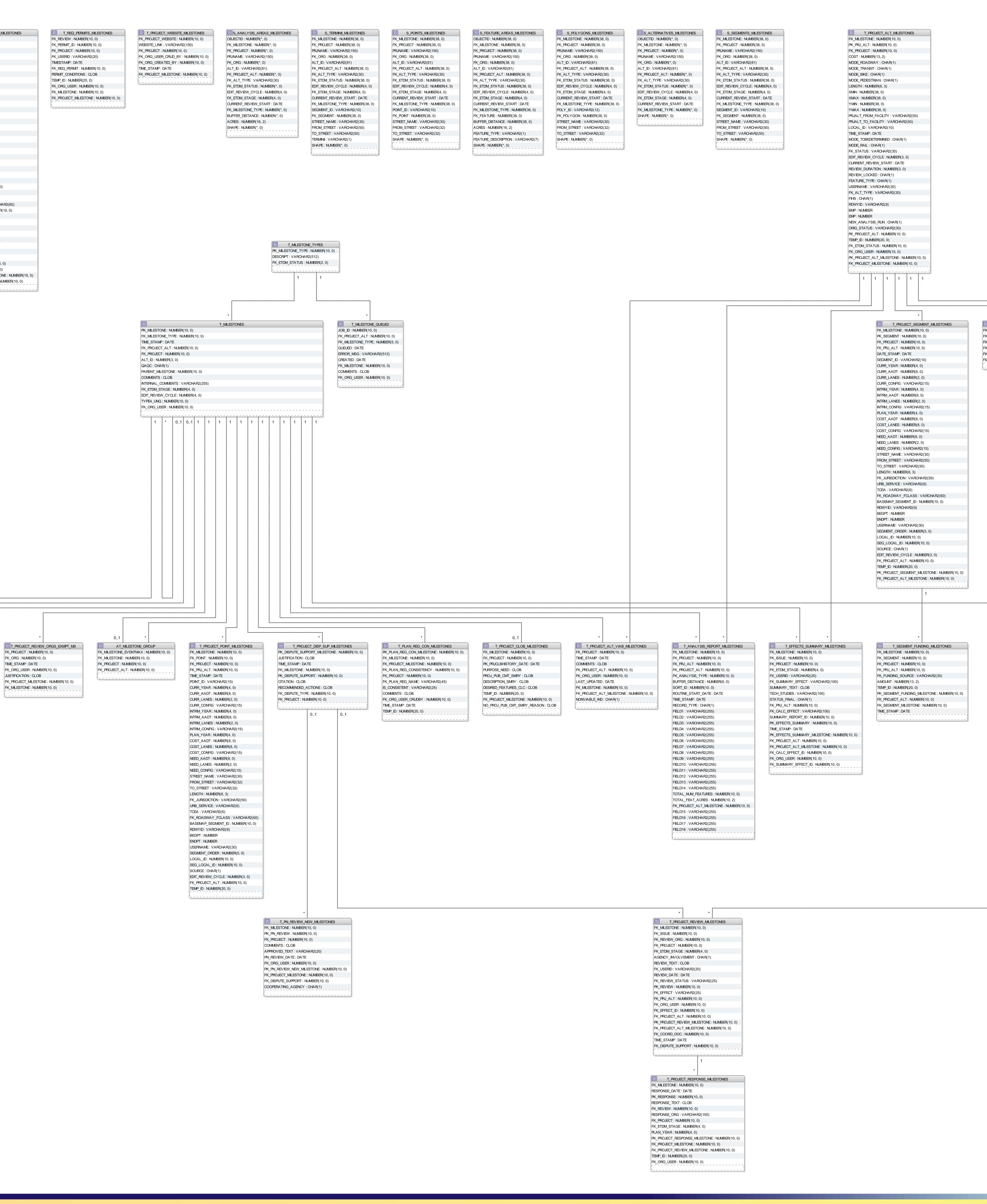
T_PROJECT_COMMIT_MILESTONES
FK_MILESTONE : NUMBER(10, 0)
PK_PROJECT_COMMITMENT : NUMBER(10, 0)
FK_PROJECT : NUMBER(10, 0)
COMMIT_DATE : DATE
COMMIT_TEXT : VARCHAR2(4000)
COMMIT_ORG : VARCHAR2(50)
FK_USERID: VARCHAR2(20)
COMMIT_TEXT_CLOB : CLOB
TIME_STAMP : DATE
FK_ORG_USER : NUMBER(10, 0)
TEMP_ID: NUMBER(20, 0)
PK_PROJECT_COMMIT_MILESTONE : NUMBER(10, 0)
FK_PROJECT_MILESTONE : NUMBER(10, 0)
r

	T_PROJECT_DOCS_MILESTONES
FK_PROJE	CT: NUMBER(10, 0)
PATH_URL	DEPRECATED: VARCHAR2(1000)
DOC_DESC	CRIPTION_DEPRECATED : VARCHAR2(2000)
DOC_DATI	E: DATE
FK_PROJE	CT_DOC : NUMBER(10, 0)
DOC_TYPE	E:VARCHAR2(100)
TEMP_ID:	NUMBER(20, 0)
A DDITION/	AL_INFO : CLOB
FK_MILEST	TONE: NUMBER(10, 0)
FK_PROJE	CT_MILESTONE: NUMBER(10, 0)
FK_BLOB	: NUMBER(10, 0)







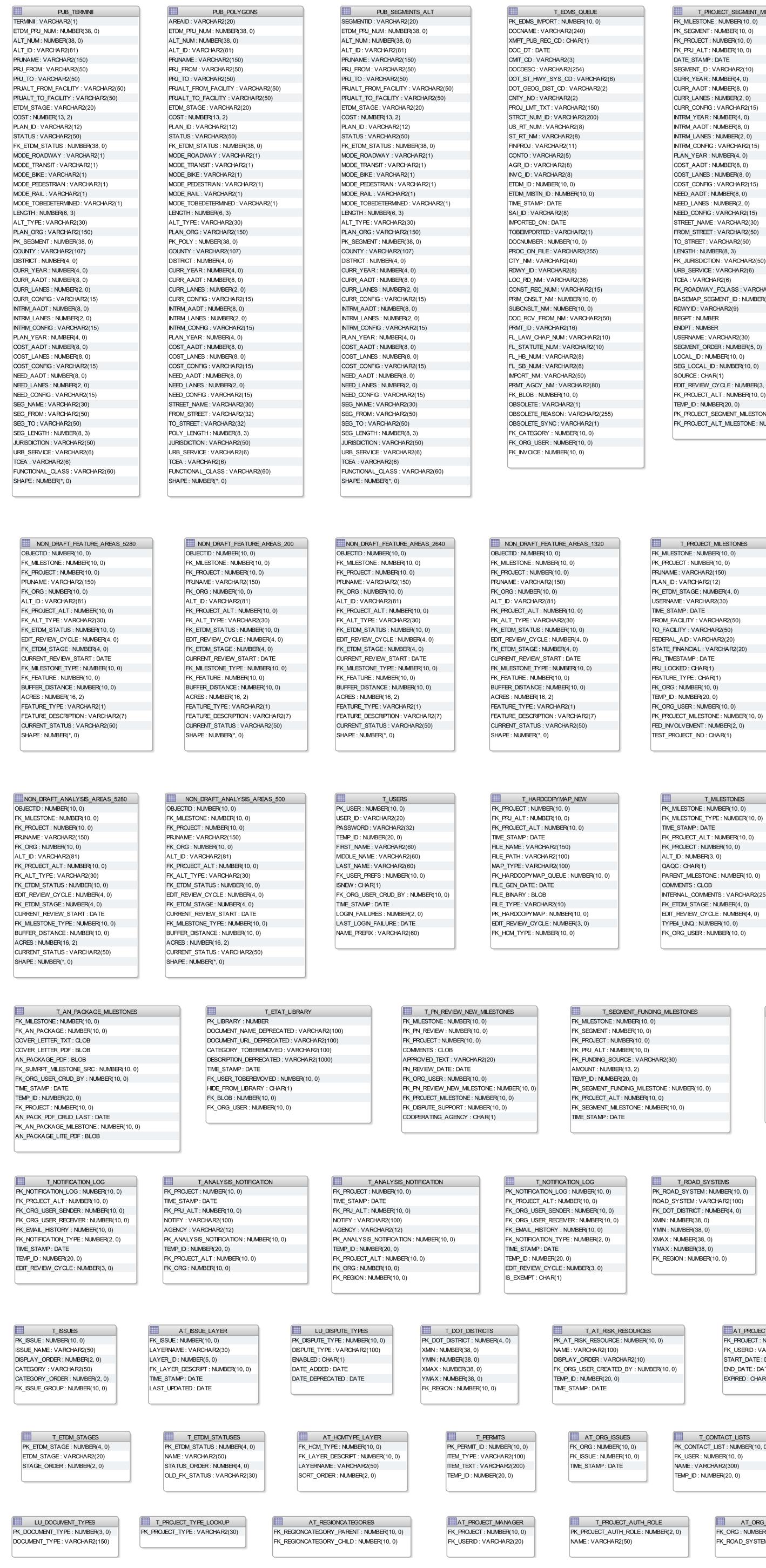


## **Entity Relationship Diagram - Milestones - Secure Site**









**Environmental Screening Tool ISDM - Appendix C** 



T_PROJECT_POLY GON_MILESTONES
FK_MILESTONE : NUMBER(10, 0)
FK_POLY: NUMBER(10, 0)
FK_PROJECT : NUMBER(10, 0)
FK_PRJ_ALT: NUMBER(10, 0)
TIME_STAMP : DATE
POLY_ID: VARCHAR2(12)
CURR_YEAR : NUMBER(4, 0)
CURR_AADT: NUMBER(8, 0)
CURR_LANES : NUMBER(2, 0)
CURR_CONFIG : VARCHAR2(15)
INTRM_YEAR : NUMBER(4, 0)
INTRM_AADT : NUMBER(8, 0)
INTRM_LANES : NUMBER(2, 0)
INTRM_CONFIG : VARCHAR2(15)
PLAN_YEAR : NUMBER(4, 0)
COST_AADT : NUMBER(8, 0)
COST_LANES : NUMBER(8, 0)
COST_CONFIG : VARCHAR2(15)
NEED_AADT : NUMBER(8, 0)
NEED_LANES : NUMBER(2, 0)
NEED_CONFIG: VARCHAR2(15)
STREET_NAME : VARCHAR2(30)
FROM_STREET : VARCHAR2(32)
TO_STREET : VARCHAR2(32)
LENGTH : NUMBER(8, 3)
FK_JURISDICTION: VARCHAR2(50)
URB_SERVICE : VARCHAR2(6)
TCEA : VARCHAR2(6)
FK_ROADWAY_FCLASS : VARCHAR2(60)
BASEMAP_SEGMENT_ID: NUMBER(10, 0)
RDWYID: VARCHAR2(9)
BEGPT : NUMBER
ENDPT : NUMBER
USERNAME : VARCHAR2(30)
SEGMENT_ORDER: NUMBER(5, 0)
LOCAL_ID : NUMBER(10, 0)
SEG_LOCAL_ID: NUMBER(10, 0)
SOURCE : CHAR(1)
EDIT_REVIEW_CYCLE: NUMBER(3, 0)
FK_PROJECT_ALT: NUMBER(10, 0)
PK_PROJECT_POLYGON_MILESTONE: NUMBER(10, 0)
FK_PROJECT_ALT_MILESTONE: NUMBER(10, 0)

	T_PROJECT_ALT_MILESTONES
FK MILE	ESTONE : NUMBER(10, 0)
	ALT: NUMBER(10, 0)
	DJECT : NUMBER(10, 0)
	NUMBER(13, 2)
	ROADWAY : CHAR(1)
_	IRANSIT : CHAR(1)
	BIKE : CHAR(1)
_	PEDESTRIAN : CHAR(1)
	1: NUMBER(6, 3)
	IUMBER(38, 0)
	NUMBER(38, 0)
	NUMBER(38, 0)
	NUMBER(38, 0)
	FROM_FACILITY : VARCHAR2(50)
	TO_FACILITY : VARCHAR2(50)
	ID: VARCHAR2(10)
_	ID . VARCHAR2(10)
_	
_	FOBEDETERMINED : CHAR(1)
	RAIL : CHAR(1)
_	TUS: VARCHAR2(30)
	VIEW_CYCLE: NUMBER(3, 0)
	JT_REVIEW_START : DATE
	_DURATION: NUMBER(3, 0)
	LOCKED : CHAR(1)
	RE_TYPE: CHAR(1)
	AME: VARCHAR2(30)
	TYPE: VARCHAR2(30)
FIHS : C	HAR(1)
	D: VARCHAR2(9)
BMP:N	UMBER
EMP : N	JMBER
	NALYSIS_RUN: CHAR(1)
ORIG_S	TATUS: VARCHAR2(30)
PK_PRC	DJECT_ALT : NUMBER(10, 0)
TEMP_IC	D: NUMBER(20, 0)
FK_ETD	M_STATUS : NUMBER(10, 0)
FK_ORC	G_USER: NUMBER(10, 0)
PK_PRC	DJECT_ALT_MILESTONE: NUMBER(10, 0
FK_PRC	JECT_MILESTONE: NUMBER(10, 0)

-	T_ORG_USERS
PK_ORG_USER :	NUMBER(10, 0)
FK_ORG : NUMBI	ER(10, 0)
FK_USER : NUME	BER(10, 0)
READ_ONLY : CH	HAR(1)
ENABLED : CHAF	२(1)
DIRECT_PHONE :	VARCHAR2(15)
DIRECT_PHONE_	EXT: VARCHAR2(10)
OFFICE_PHONE :	VARCHAR2(15)
OFFICE_PHONE_	EXT: VARCHAR2(10)
SUNCOM: VARC	CHAR2(15)
CELL_PHONE : V	ARCHAR2(15)
FAX:VARCHAR	2(15)
ADDRESS1 : VA	RCHAR2(100)
ADDRESS2 : VA	RCHAR2(100)
CITY : VARCHAF	82(60)
STATE: VARCHA	AR2(2)
ZIP:VARCHAR2	(10)
EMAIL: VARCHA	R2(100)
ALT_EMAIL:VA	RCHAR2(100)
EST_NOTICES : C	CHAR(1)
ETAT_NOTICES :	CHAR(1)
TEMP_ID : NUMBE	ER(20, 0)
RECEIVER : CHAI	R(1)
DEVELOPMENT_	TEAM : CHAR(1)
CONSULTANT : (	CHAR(1)
FHWA_NOTICES	: CHAR(1)
HCOPY_NOTICES	S:CHAR(1)
INVOICE_REMIND	ER:CHAR(1)
PERFORMANCE_	NOTICES : CHAR(1)
TITLE : VARCHAI	R2(150)
FK_ORG_USER_	CRUD_BY: NUMBER(10, 0)
TIME_STAMP : DA	
FK_ORG_CREAT	ED_BY:NUMBER(10,0)

T_ANALYSIS_TYPES
PK_ANALYSIS_TYPE:NUMBER(10,0)
ANALYSIS_ID:NUMBER(10,0)
DATASOURCE: VARCHAR2(60)
SOURCE: VARCHAR2(8)
ANALYSIS_NAME: VARCHAR2(100)
ANALYSIS_DESCRIPTION: VARCHAR2(2000)
QUERY_STRING: VARCHAR2(1095)
RESTRICTED : CHAR(1)
REFER_TO: VARCHAR2(150)
RASTER : CHAR(1)
LAYER_STATUS : CHAR(1)
LAYER_STATUS_COMPLETE: DATE
FLAG_DELETE : CHAR(1)
EST : CHAR(1)
SCE: CHAR(1)
CCI: CHAR(1)
ICE : CHAR(1)
BUFFERS : CHAR(1)
ROAD_SYSTEM: NUMBER(4, 0)
DOT_DISTRICT : NUMBER(4, 0)
SUMM_REPORT : CHAR(1)
TIME_STAMP : DATE
EST_DATE_DEPRECATE : DATE
EXEC_REPORT : CHAR(1)
FK_REGION : NUMBER(10, 0)
AN_REPORT: VARCHAR2(10)
HCM: CHAR(1)
SDE_LAYER_ID : NUMBER(5, 0)
NOTES : VARCHAR2(50)
TRIGGER_UPDATE: DATE
FK_LAYER_DESCRIPT: NUMBER(10, 0)



T.M.ESTORES       FK_DERUIE_SUPPORT: MURDER(10, 0)         T.M.ESTORES       FK_DERUIE_SUPPORT: MURDER(10, 0)         T.M.ESTORES       FK_DERUIE_SUPPORT: MURDER(10, 0)         FK_DERUIE_SUPPORT: MURDER(10, 0)       FK_DERUIE_SUPPORT: MURDER(10, 0)         FK_DERUIE_TRESPONSE_MLESTORES       FK_DERUIE_TRESPONSE_MLESTORES         FK_MESTORE: MURDER(10, 0)       FK_FDECU: MURDER(10, 0)         FK_MESTORE: MURDER(10, 0)       FK_FDECU: MURDER(10, 0)         FK_REDUCE: MURDER(10, 0)       <	TONES	T_PUBLIC_COMMENTS PK_PUBLIC_COMMENT : NUMBER(10, 0)	Z_ORG_USER_AUTHORITY PK_ORG_USER_AUTHORITY : NUMBER(10, 0)	T_BL PK_BLOB : NUMBER(10,	0)	T_PROJECT_CLOB_MILESTON FK_MILESTONE : NUMBER(10, 0)	IES	T_REQ_PERMITS_MILESTONES FK_REVIEW : NUMBER(10, 0)	FK_	T_REQ_TECH_STUDIE _REV IEW : NUMBER(10
SHAPE: NUMBER(10,0)       III. T_HARDCOPYMAP_HISTORY       III. T_HARDCOPYMAP_HISTORY       III. T_HARDCOPYMAP_NEW         ESTONE: NUMBER(10,0)       FK_MLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)         ESTONE: TWINEBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLLESTONE: NUMBER(10,0)         ESTONE: TWINEBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)         SUBCT_ALT: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)         SUBCT_ALT: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)         SUBCT_ALT: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)         SUBCT_NELT_NUMBER(10,0)       FK_MRLESTONE: NUMBER(10,0)       FL_FATH: VARCHAR2(100)       FL_FATH: VARCHAR2(100)         SUBCT_NELT_NUMBER(10,0)       FL_FATH: VARCHAR2(100)       FL_FATH: VARCHAR2(100)       FL_FATH: VARCHAR2(100)         SUBCT_NELT_NUMBER(10,0)       FL_FATH: VARCHAR2(100)       FL_FATH: VARCHAR2(100)       FL_FATH: VARCHAR2(100)         SUBC_NCL_SUMBER(10,0)       FL_FATH: VARCHAR2(100)       FL_FATH: VARCHAR2(100)       FL_FARCHAR2(10,0)       FL_FARCHAR2(10,0)       FL_FARCHAR2(10,0)       FL_FARCH	ONES				0)		IES		FK_	
SHAPE: NUMBER(*, 0)       Image: T_RROJECT_RESPONSE_MILESTONES       Image: T_HARDCOPYMAP_HISTORY       Image: T_HARDCOPYMAP_HISTORY       Image: T_HARDCOPYMAP_NEW       Image: T_HARDCOPYMAP_NEW	EVIEW_CYCLE: NUMBER(4, 0) UNQ: NUMBER(10, 0)	FK_PROJECT_REVIEW_MILE TEMP_ID : NUMBER(20, 0)	ESTONE : 1 PK_HARDCOPYMAP : EDIT_REVIEW_CYCLE	NUMBER(10, 0) : NUMBER(3, 0)	PK_HARDCOPYMAR EDIT_REVIEW_CYC	P: NUMBER(10, 0) E: NUMBER(3, 0)	PK_HARDCOI EDIT_REVIEW	PYMAP: NUMBER(10, 0) /_CYCLE: NUMBER(3, 0)	TIME_STAMP	P: DATE
SHAPE: NUMBER(*, 0)         T_MILESTONES       T_HARDCOPYMAP_HISTORY         T_MILESTONES       T_HARDCOPYMAP_HISTORY         STOME: NUMBER(10, 0)       FK_MILESTONES       T_HARDCOPYMAP_HISTORY         STOME: NUMBER(10, 0)       FK_MILESTONE: NUMBER(10, 0)       FK_MILESTONE: NUMBER(10, 0)       FK_MILESTONE: NUMBER(10, 0)         Response: NUMBER(10, 0)       FK_MILESTONE: NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)         RESPONSE: TEXT: CLOB       FK_MPOLICT: ALL: NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)         RESPONSE: TEXT: CLOB       FK_MPOLICT: ALL: NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)         NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)         RESPONSE: TEXT: CLOB       FK_MPOLICT: ALL: NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)       FK_MPOLICT: ALL: NUMBER(10, 0)         RESPONSE: TEXT: CLOB       FL_LAME: VARCHAR2(100)       FK_MPOLICT: ALL: NUMBER(10, 0)       FK_MROLICT: ALL: NUMBER(10, 0)	VIEW_CYCLE: NUMBER(4, 0) UNQ: NUMBER(10, 0)	FK_PROJECT_REVIEW_MILE TEMP_ID : NUMBER(20, 0)	ESTONE : 1 PK_HARDCOPYMAP : EDIT_REVIEW_CYCLE	NUMBER(10, 0) : NUMBER(3, 0)	PK_HARDCOPYMAR EDIT_REVIEW_CYC	P: NUMBER(10, 0) E: NUMBER(3, 0)	PK_HARDCOI EDIT_REVIEW	PYMAP: NUMBER(10, 0) /_CYCLE: NUMBER(3, 0)	TIME_STAMP	P: DATE
SHAPE: NUMBER(*, 0)         T_MILESTONES         T_MILESTONES         STONE: NUMBER(10, 0)         FK_MILESTONE: NUMBER(10, 0)         FK_RESPONSE: NUMBER(10, 0)         FK_RESPONSE: NUMBER(10, 0)         FK_RESPONSE: NUMBER(10, 0)         FK_RESPONSE: NUMBER(10, 0)         FK_RALT: NUMBER(10, 0)         FK_RESPONSE: NUMBER(10, 0)         FK_RANALYSIS_FIELD: NUMBER(10, 0)         FK_RANALYSIS_FIELD: NUMBER(10, 0)	JECT_ALT : NUMBER(10, 0) JECT : NUMBER(10, 0) : NUMBER(3, 0) CHAR(1) MILESTONE : NUMBER(10, 0) NTS : CLOB AL_COMMENTS : VARCHAR2(2 M_STAGE : NUMBER(4, 0)	RESPONSE_TEXT : CLOB FK_REVIEW : NUMBER(10, 0 RESPONSE_ORG : VARCHA FK_PROJECT : NUMBER(10, FK_ETDM_STAGE : NUMBER(10, FK_ETDM_STAGE : NUMBER(4, 0 PLAN_YEAR : NUMBER(4, 0 FK_PROJECT_RESPONSE_N FK_PROJECT_MILESTONE :	Image: Stamp : Date         Image: Date         Image	R2(150) R2(100) R2(100) QUEUE : NUMBER(10, 0) TE R2(10)	TIME_STAMP : DATE FILE_NAME : VARCH FILE_PATH : VARCH MAP_TYPE : VARCH FK_HARDCOPYMAF FILE_GEN_DATE : D FILE_BINARY : BLO FILE_TYPE : VARCH	AR2(150) AR2(100) AR2(100) AR2(100) AR2(100) ATE AR2(10)	TIME_STAMP FILE_NAME : ' FILE_PATH : \ MAP_TYPE : ' FK_HARDCOI FILE_GEN_DA FILE_BINARY FILE_TYPE : \	Y: DATE VARCHAR2(150) VARCHAR2(100) VARCHAR2(100) PYMAP_QUEUE : NUMBER(10, 0) ATE : DATE Y : BLOB VARCHAR2(10)	SCE : CHAR(1 CCI : CHAR(1 ICE : CHAR(1) ACTION : VAI FIELD_NAME FIELD_ALIAS TOTAL : CHA SORTID : NUM	1) 1) RCHAR2(12) E: VARCHAR2(45) S: VARCHAR2(80) AR(1) MBER(2, 0)
		T_PROJECT_RESPONSE FK_MILESTONE : NUMBER(1 PK_RESPONSE : NUMBER(1	0, 0)         FK_PROJECT : NUMBE           0, 0)         FK_PRJ_ALT : NUMBE	R(10, 0) R(10, 0)	FK_PROJECT : NUM FK_PRJ_ALT : NUM	BER(10, 0) BER(10, 0)	FK_PROJECT FK_PRJ_ALT	: NUMBER(10, 0) : NUMBER(10, 0)	FK_ANALYS PK_ANALYS	SIS_FIELD : NUMBER(1
EXAMPLESTONE_TYPE: NUMBER(10, 0) SUMMARY_REPORT_ID: NUMBER(10, 0) FK_EFFECT: VARCHAR2(25) CURRENT_REVIEW_START: DATE CURRENT_REVIEW_START: DATE	: Varchar2(50) Archar2(50) /Archar2(20) Al : Varchar2(20)	EDIT_REVIEW_CYCLE : NUMBER(4, FK_ETDM_STAGE : NUMBER(4, 0) CURRENT_REVIEW_START : DATE	SUMMARY_TEXT : CLOB TECH_STUDIES : VARCHAR2 STATUS_FINAL : CHAR(1) FK_PRJ_ALT : NUMBER(10, 0 FK_CALC_EFFECT : VARCHA	(100) )) AR2(100)	FK_USERID : VARC REVIEW_DATE : DA FK_REVIEW_STATU PK_REVIEW : NUME	DB HAR2(20) TE IS : VARCHAR2(25) ER(10, 0)	FK_ALT_TYPE : FK_ETDM_STAT EDIT_REVIEW_C FK_ETDM_STAG	LT : NUMBER(10, 0) VARCHAR2(30) US : NUMBER(10, 0) CYCLE : NUMBER(4, 0) E: NUMBER(4, 0)	FK_ALT_TYPE : VA FK_ETDM_STATUS EDIT_REVIEW_CYCI FK_ETDM_STAGE :	: NUMBER(10, 0) RCHAR2(30) : NUMBER(10, 0) LE : NUMBER(4, 0) NUMBER(4, 0)
P: DATEFK_ALT_TYPE: VARCHAR2(30)SUMMARY_TEXT: CLOBREVIEW_TEXT: CLOBFK_PROJECT_ALT: NUMBER(10,0)FK_PROJECT_ALT: NUMBER(10,0)LITY: VARCHAR2(50)FK_ETDM_STATUS: NUMBER(10,0)TECH_STUDES: VARCHAR2(100)TECH_STUDES: VARCHAR2(100)FK_ALT_TYPE: VARCHAR2(30)FK_ALT_TYPE: VARCHAR2(30)Y: VARCHAR2(20)EDIT_REVIEW_CYCLE: NUMBER(4,0)STATUS_FINAL: CHAR(1)REVIEW_DATE: DATEFK_ETDM_STATUS: NUMBER(10,0)FK_ETDM_STATUS: NUMBER(10,0)ID: VARCHAR2(20)FK_ETDM_STAGE: NUMBER(4,0)FK_PRJ_ALT: NUMBER(10,0)FK_PRJ_ALT: NUMBER(10,0)FK_ETDM_STAGE: NUMBER(4,0)ID: VARCHAR2(20)FK_ETDM_STAGE: NUMBER(4,0)FK_REVIEW_STATT: DATEFK_ETDM_STAGE: NUMBER(4,0)FK_ETDM_STAGE: NUMBER(4,0)ID: VARCHAR2(20)FK_ETDM_STAGE: NUMBER(10,0)FK_REVIEW_STATUS: VARCHAR2(25)EDIT_REVIEW_CYCLE: NUMBER(4,0)FK_ETDM_STAGE: NUMBER(4,0)ID: VARCHAR2(20)FK_ILESTONE_TYPE: NUMBER(10,0)FK_CALC_EFFECT: VARCHAR2(100)FK_REVIEW: NUMBER(10,0)FK_ETDM_STAGE: NUMBER(4,0)ID: VARCHAR2(20)FK_ILESTONE_TYPE: NUMBER(10,0)FK_CALC_EFFECT: VARCHAR2(100)FK_ETDM_STAGE: NUMBER(4,0)FK_ETDM_STAGE: NUMBER(4,0)ID: VARCHAR2(20)FK_ILESTONE_TYPE: NUMBER(10,0)FK_CALC_EFFECT: VARCHAR2(100)FK_ETDM_STAGE: NUMBER(4,0)FK_ETDM_STAGE: NUMBER(4,0)ID: VARCHAR2(20)FK_ILESTONE_TYPE: NUMBER(10,0)FK_ETDM_STAGE: NUMBER(4,0)FK_ETDM_STAGE: NUMBER(4,0)FK_ETDM_STAGE: NUMBER(4,0)ID: VARCHAR2(20)FK_ILESTONE_TYPE: NUMBER(10,0)FK_ETDM_STAGE: NUMBER(10,0)FK_ETDM_STAGE: NUMBER(4,0)FK_ETDM_STAGE: NUMBER(4,0)ID: VARCHAR2	ARCHAR2(12) TAGE : NUMBER(4, 0)	FK_MILESTONE : NUMBER(10, 0)         FK_PROJECT : NUMBER(10, 0)         PRJNAME : VARCHAR2(150)         FK_ORG : NUMBER(10, 0)         ALT_ID : VARCHAR2(81)         EK_PROJECT_ALT : NUMPER(10, 0)	FK_MILESTONE : NUMBER(10, 0)           FK_ISSUE : NUMBER(10, 0)           FK_PROJECT : NUMBER(10, 0)           FK_ETDM_STAGE : NUMBER(10, 0)           FK_USERID : VARCHAR2(20)           FK_USERID : VARCHAR2(20)	0) (4, 0)	FK_MILESTONE : NU FK_ISSUE : NUMBER FK_REVIEW_ORG : FK_PROJECT : NUM FK_ETDM_STAGE :	R(10, 0) NUMBER(10, 0) BER(10, 0) NUMBER(4, 0)	OBJECTID : NUM FK_MILESTONE : FK_PROJECT : N PRJNAME : VAR FK_ORG : NUMB	: NUMBER(10, 0) NUMBER(10, 0) RCHAR2(150) BER(10, 0)	OBJECTID : NUMBEF FK_MILESTONE : NU FK_PROJECT : NUM PRJNAME : VARCHA FK_ORG : NUMBER(	JMBER(10, 0) IBER(10, 0) AR2(150) (10, 0)

AT\_ORG\_SYSTEMS T\_PROJECT\_STATUS\_LOOKUP AT\_PROJECT\_ROAD\_SYSTEM FK\_ORG : NUMBER(10, 0) PK\_STATUS : VARCHAR2(30) FK ROAD SYSTEM: NUMBER(10, 0) FK\_ROAD\_SYSTEM: NUMBER(10, 0) FK\_PROJECT : NUMBER(10, 0) STATUS\_ORDER: NUMBER(2, 0)

PK\_COMM\_POLY : NUMBEF

NAME: VARCHAR2(100)

SHAPE: NUMBER(\*, 0)

PK\_WHATS\_NEW : NUMBER(10,

TIME\_STAMP: DATE

TEXT : CLOB

TEMP\_ID : NUMBER(20, 0)

FK\_ISSUE: NUMBER(10, 0)

FK\_FOLDER: NUMBER(10, 0)

FK\_USER: NUMBER(10, 0)

TIME\_STAMP : DATE

FK\_ISSUE: NUMBER(10, 0)

TIME\_STAMP : DATE

FK\_USER: NUMBER(10, 0)

FK\_FOLDER: NUMBER(10, 0)

FK\_ORG : NUMBER(10, 0)

FK\_REGION : NUMBER(10,

TIME\_STAMP: DATE



FK\_ANALYSIS\_TYPE: NUMBER(10, 0)

FK\_ISSUE: NUMBER(10, 0)

TIME\_STAMP : DATE

# Entity Relationship Diagram - Main Diagram - Public Access Site

