
**FISCAL MANAGEMENT INFORMATION SYSTEM
(FMIS)**

FUNCTION – EDS FROM STATES

ADDENDUM TO FUNCTIONAL REQUIREMENTS DOCUMENT

**U.S. Department of Transportation
Federal Highway Administration**



FHWA ITD

For Official Use Only

Not to be distributed outside FHWA
ITD
without express written permission of
the FHWA ISSO

August 26, 2013

1. DOCUMENT CONTROL

Change Record Form

Date	Author	Version	Change Reference
8/26/13	Bill Schwabenbauer / Steven Yin	2.14	Task 13-016 Add tunnel/bridge improvement type 48-56 for Construction. FPR-00380 Add new fields to Project Header Summary (Record Type B). Emergency Relief Eligible - valid values Y or N Emergency Relief Code – An 8 character code uniquely defining an Emergency Relief Project. The first 2 characters are State Postal.
10/23/12	Steven Yin	2.13	Task 12-033 Add new improvement types Add a new record type L for Tunnel Error messages updated Task 12-032 Add new fields APPALACHIA - valid values Y or N OWNERSHIP - valid values S (State), L (Local) and O (Other).
3/19/12	Phil Troutman / Steven Yin	2.12	Task 12-010 Project Oversight is the mandatory field for new projects. Update B (Project Summary) record with four new values S, F, T, D for Project Oversight. S - Full Oversight/State Administered F - Full Oversight/Locally Administered T - Delegated/State Administered D - Delegated/Locally Administered Task 12-013 Improvement Type 08 cannot be chosen on any HBP funds. Update G (Project Detail) record. Task 12-011 Rural is in general selected when recode is 964 (HRRR). Update G (Project Detail) record. Add EDS Error Messages in the last section.
8/16/11	Steven Yin	2.11	Task 11-036 Update B (Project Summary) record with two new values F and D for Project Oversight. F: Locally Administered/Full Oversight D: Locally Administered/Delegated

Date	Author	Version	Change Reference
5/3/11	Steven Yin	2.10	Task 11-018 Updated G (Project Detail) record to include two new fields as follows. 1. CMGC 2. Other-SEP-14
11/15/10	Ken Bannerman	2.9	Task # 2590 – 1. Update Point of Contact information for System Owner and ITD Project Manager. 2. Changed Reviewers form Database team position name from Ken Norris to Rama Jampani and changed Cheryl Ledbetter information to FHWA ISSO. 3. Update document location.
02/02/09	Donna L, Jones	2.9	Miscellaneous document edits
10/6/08	Prasuna Somarouthu	2.9	Task 07-022 To allow multiple Demonstration Project Identifications for a single project, a new field has been added to Record G (Project Detail).
4/25/08	Steven Yin	2.8	Task 08-042 To make Improvement Type 47 and Type of Work C (Construction) compatible.
10/30/07	Steven Yin	2.7	To clarify that Project Group Type * will remove all the existing project group associations.
10/23/07	Steven Yin	2.6	Accept O as a valid Project Group Type.
5/9/07	Prasuna Somarouthu	2.5	Minor modifications to System Overview section of the document.
04/26/07	Phil Troutman	2.4	Performed an overall review of the document and made minor revisions to bring it up to date.
4/13/07	Prasuna Somarouthu	2.4	Task 07-031: Updated “Valid Values” section for “Project Relationship” field on E (Related Project Information) record.
8/21/06	Gerald Joseph	2.3	Formatted the document according to the template.
8/9/06	Prasuna Somarouthu	2.2	Task 06-086: Update list of valid values for Improvement type field on G (Project Detail) record.
8/4/06	Prasuna Somarouthu	2.1	Task 06-072: Updated G (Project Detail) record to include a new field called HWYS for Life. Also Modification on Environmental Clearance 8/21/2006 –GJ/SY
3/7/06	Prasuna Somarouthu	2.1	Task 05-120: Updated J record to 1. Increase the length of Project Group Code to 13 characters. 2. Include space for three major project groups that the project could be associated with.

Date	Author	Version	Change Reference
9/16/05	Prasuna Somarouthu	2.0	Minor corrections to the entries of Change record form.
08/26/2005	Prasuna Somarouthu	1.9	<ol style="list-style-type: none"> 1. Design/Build has been added to record type G. 2. Updated the list of Valid Values for Type of Improvement to mark Design Build improvement type as obsolete. 3. Record type L [Estimated Completion Date data] has been removed. 4. Updated FMIS contacts to name Donna Jones.
06/17/2005	Prasuna Somarouthu	1.8	<ol style="list-style-type: none"> 1. List of valid values for “Functional System” has been updated to include “F – Freeways & Expressway” on G record. 2. Decoded value for A for Project Oversight has been corrected to “State Administered” in the list of valid values section for B record.
06/01/2005	Prasuna Somarouthu	1.7	“Summary of Document Changes” section has been removed from this document since it was obsolete.
05/31/2005	Prasuna Somarouthu	1.6	<ol style="list-style-type: none"> 1. Project Grouping information has been included in Record J. 2. A new record of type L has been created for processing Estimated Completion Date of projects through EDS.
07/08/2004	Prasuna Somarouthu	1.5	Cover page modified to contain an auto text field that will update the date the document was last saved every time requirements are revised.
05/10/2004	Jeffery Graves	1.4	Updated Reviewers Form and removed Distribution Form from document.
05/10/2004	Prasuna Somarouthu	1.3	DUNS# has been moved from Record B to Record J.
05/07/2004	Prasuna Somarouthu	1.2	DUNS# has been added to record type B.
01/27/2003	Prasuna Somarouthu	1.1	The following changes were made to this document. 2.4.3 Project Oversight – delete E=Exempt 2.9.3 Improvement Type – delete 99 2.12.1 corrected filler range 2.13.1 corrected filler range

Reviewers Form

Name	Position
Kim Applewhite	ITD Project Manager Point of Contact

Vijay Padmanabhan	Contractor Lead Contact
Rama Jampani	Database Team
Cheryl Ledbetter	FHWA ISSO

Document Location

The working document is stored:

\\fmis\Documents\Functional_Req\FMIS40\17-EDS From States.doc

The URL for the SharePoint repository is: FMIS is

<http://sharepoint/APPS/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2fAPPS%2fShared%20Documents%2fFAST%2fFMIS&View=%7b41A11737%2dE4DE%2d4175%2d8AE6%2d36FDFDC2C384%7d>

Contents

- 1. DOCUMENT CONTROL2**
 - CHANGE RECORD FORM2
 - REVIEWERS FORM.....4
 - DOCUMENT LOCATION.....5
- 2. POINTS OF CONTACT7**
 - FMIS CONTACTS7
- 3. DESCRIPTION8**
 - AUDIENCE8
- 4. SYSTEM OVERVIEW9**
 - STEPS FOR ELECTRONICALLY TRANSMITTING FMIS DATA:10
- 5. ELECTRONIC DATA TRANSMISSION11**
 - STATE REQUIREMENTS.....11
 - OVERALL FILE REQUIREMENTS11
 - REQUIREMENTS FOR SUPPORTING MULTIPLE DEMO PROJECTS IN FMIS.....12
 - RECORD TYPE A: PROJECT PROGRAM CODES13
 - RECORD TYPE B: PROJECT HEADER SUMMARY14
 - RECORD TYPE C: STATE REMARKS.....17
 - RECORD TYPE D: STATE PROJECT NUMBER.....18
 - RECORD TYPE E: RELATED PROJECT IDENTIFICATION.....20
 - RECORD TYPE F: NBI STRUCTURE NUMBER24
 - RECORD TYPE G: PROJECT DETAIL27
 - RECORD TYPE H: PROJECT DETAIL CONGRESSIONAL DISTRICT35
 - RECORD TYPE I: STATE SIGNATURES.....38
 - RECORD TYPE J: STATE DEFINED PROJECT DATA40
 - RECORD TYPE K: STATE DEFINED DETAIL DATA.....43
 - RECORD TYPE L: TUNNEL STRUCTURE NUMBER.....44
 - RECORD TYPE Z: TRAILER.....46
- 6. ELECTRONICALLY TRANSMITTING FMIS PROJECTS FILE.....48**
- 7. LOCATION OF TESTPLAN.....50**
- 8. EDS ERROR MESSAGES51**

2. POINTS OF CONTACT

FMIS Contacts

System Owner

FMIS TEAM (for all system related questions)
Office of Budget
Office of the Chief Financial Officer
202-366-2922
FMISTEAM@dot.gov

ITD Project Manager

Kim Applewhite
Administrative System Branch Team
Office of Information & Management Services
202 366-9029
kimberly.Applewhite@dot.gov

Contractor Contacts

Sunil Patil
Contractor Lead
INDUS Corporation
202-366-9042
Sunil.Patil@dot.gov

3. DESCRIPTION

This Interface Requirements and Specification document is to describe the interface between EDS and the Fiscal Management Information System (FMIS). This interface is to be used by the States that are designated to use this facility. EDS is designed to handle all data related to Projects Area of the system. All functionality that is available through the Online System is provided through EDS with the following exceptions

- Division Signatures cannot be processed
- there are no warning messages displayed.

Audience

The intended audiences of this document are ITD Points of Contact for FMIS, HCFM-30 (Financial Management Division), States, Divisions, Contractor Team Leaders for FMIS and their developers.

The document content format is a high-level description format without any pseudo code. It is designed with non-technical audiences in mind.

4. SYSTEM OVERVIEW

The Fiscal Management Information System (FMIS) is a FHWA mission critical, major financial database/data warehouse. FMIS is a web-based system running in an Oracle environment on a Windows server at FHWA Headquarters at Washington, D.C. It is accessible by a TCP/IP connection and a standard Internet web browser with the Java plug in.

FMIS is a comprehensive system that records apportionment and allocation data at the Division, Demonstration, and project level and then tracks project obligations and expenditures against those balances. The technical infrastructure requires a 365day per year and 15 hour per day availability. System availability refers to FMIS technical infrastructure components that are centrally managed. For example, Local Area Network (LANs,) Virtual Private Networks (VPNs,) administered by communications personnel are outside the scope of FMIS availability.

Most of the project data collected in FMIS originates in State systems. To ensure that correct, up-to-date information is received and processed by FHWA and to prevent data being re-keyed, States can electronically send FMIS project data to FHWA. This process is called Electronic Data Sharing (EDS). Once in the FMIS database, States and FHWA Division Office users can review, update and electronically sign for the authorizations and modifications of project data. States that have received FHWA approval can also transmit the signature electronically. Data that has been processed and approved in FMIS can also be electronically returned to the State.

Electronically Transmitted Data:

Since many States have their own internal databases which contain some (if not all) data that is needed for FMIS, EDS establishes the framework for electronically sharing this data. States will develop a FMIS EDS Project file in a prescribed format and electronically transmit that data to FHWA. The electronically transmitted data, which contains different record types depending on the data elements the State transmits, consists of records in TEXT format. The number of records transmitted will depend on how many projects and which data elements the State is attempting to update. This data will be edited (prior to acceptance into the FMIS Database), to ensure validity. Data that has been successfully transmitted and passed all edits will be stored in the FMIS database. *This data may be placed in a pending status waiting signature or applied to the current project.* Once the Division Office signs a project, it becomes the 'current' project and the 'pending' project no longer exists. All prior 'Current' projects are maintained in the database and can be viewed by date.

Direct Keying: States may key data directly into the FHWA system. This data will be edited and placed in a 'pending' status until all State and Division signatures are applied. A State user's manual will be sent to any State that plans to key data directly into FMIS.

This document is one of the 3-document package that is sent out to each State that is willing to use this Electronic Data Sharing by sending data to FMIS. All three documents of this package are listed below:

- ✓ EDS-from-States functional requirements: This document specifies the format of the incoming file to FMIS.
- ✓ EDS-errors-Manual: This document lists all the anticipated data and format related

errors occurring in the incoming file to FMIS. The errors are accompanied by the most probable cause and a description of corrective measure as to how to fix it.

- ✓ EDS-FTP-instructions: This document lists the necessary steps to be taken by the State to safely transmit their data file to FMIS using FTP.

Steps for Electronically Transmitting FMIS Data:

- Review this package and notify your FHWA Division Contact that your State wants to use EDS.
- The FHWA Division Office will arrange for the technical representatives of the State and FHWA HQ to discuss the best approach for using EDS.
- The State will develop the FMIS EDS Project File described in Section 2 of this document.
- The State and FHWA will test to make sure that the necessary communications links and processes are in place in a test environment.
- Once the test is completed successfully, the State will submit a request to send files to the production environment and the EDS process will be put into production.
- No State can send files to the production environment before the Memorandum of Understanding [MOU] and ICS documents have been completed by the State and approved by the system owner.

5. ELECTRONIC DATA TRANSMISSION

This section describes the FMIS EDS Project File requirements for electronically transmitting FMIS data to FHWA.

State Requirements

States must develop and maintain a State FMIS EDS Project File in a prescribed format which will be electronically sent to FHWA in Washington, DC. This file will contain all required data elements and those additional data elements that the State has agreed to electronically send to FHWA.

Overall File Requirements

The records containing these data elements will be grouped by project. Records within a project will have the same State and Project Number. The file must be in sequence by State, project number and record type. This FMIS project file must be in the format described below and conform to the following specifications:

- Depending on the data elements being updated, the file will contain the following types of records, each record containing 256 characters.

Record Type A	-	Project Program Codes [Always required]
Record Type B	-	Project Header Summary
Record Type C	-	State Remarks
Record Type D	-	State Project Number
Record Type E	-	Related Project Identification
Record Type F	-	NBI Structure Number
Record Type G	-	Project Detail
Record Type H	-	Project Detail Congressional District
Record Type I	-	State Signatures
Record Type J	-	State Defined Project Data
Record Type K	-	State Defined Detail Data
Record Type L	-	Tunnel Structure Number
Record Type Z	-	Trailer Record

- Record type A is always required for every project that is being transmitted. If only one project is being sent in a file, only one A record is required. But if a single transmission file contains multiple projects data, each project requires its own A record. If a file has many projects and one of them does not have A record, other projects with A records will NOT be processed. The file has to add an A record for the project, and all projects have to be re-submitted in the modified file.
- Required data fields must contain valid data while all non-required fields may be left blank.
- All alpha data must be in CAPITALS.
- The file must be in TEXT format.
- To blank out a previously transmitted Alpha/Numeric field, the field must be filled with ‘***’. Numeric fields that have been transmitted previously must contain all zeroes in

order to zero them out. Exception: For two route milepoint fields, zeroes will be processed as zeroes in EDS, as in the online system.

- For each Project, only one Program Code record (type A), one Project Header Summary record (type B), one State Defined Project Data record (type C) and one State Signatures record (type J) can be transmitted for each project. Multiple records can be transmitted for all other record types for each Project. State and Project number identify a Project.
- The Record Type and Action Type will be used to tell the FMIS system how to process records. All records that successfully pass the edits will be stored in the live FMIS database.
- The following is an example of how to transmit numbers with decimals.
Example: Shows 7 digits with 3 numbers behind the decimal 0006.398 can be transmitted, as 6398 or 0006398 FMIS will add in the decimal.
- If a project has been transmitted to FMIS and the State has signed the Project but the Division Office has not, an error will occur if the Project is re-transmitted. The transmitted record will be rejected.

Requirements for supporting Multiple Demo Projects in FMIS

- Effective 03/31/2009, FMIS will be updated to allow multiple demonstration project IDs per project. This will be accomplished by allowing each individual project detail line to have its own Demo ID, and by allowing the Demo ID value to be unique to each detail line if necessary. Within EDS, this is supported by allowing the Demo ID to be carried on the project detail (G) record. Please refer to the format and validations of the G record for additional details.
- **FMIS EDS will continue to support States that have not changed their interface software to support multiple Demo IDs per Project.** This is possible because the Demo ID remains in its pre-existing position on the header (B) record. Please note that it is not acceptable to include Demo ID on both B and G record types within the same project. Please refer to the format and validations of the B record for additional details.

In addition, the Demo ID that has now been included on the G record has been added to the end of the record definition. This eliminates the need for States to adjust their G record processing.

Impact on State Applications

State interface systems to FMIS only need to change if the State makes use of applying multiple Demo IDs for a single project. In all other cases there will be no impact on the file format for interfacing with FMIS.

RECORD TYPE A: Project Program Codes

The Project Program Codes record must be provided for each project that is transmitted to FMIS on an FMIS EDS Projects file, and must appear immediately before all other records for the project. FMIS will assume that all records following the Project Program Code record belong to the same project, until the next Project Program Codes record is encountered. In addition to State and Project Number, the Program Codes (called Appropriation Code in FMIS 3) that are on the detail lines in the project must be included on the Project Program Code record.

The Project Program Codes record is necessary because FMIS contains many Projects with the same State and Project Number, but with different Program Codes. Such “duplicates” are separate highway projects. FMIS 4 uses the Program Codes on the Project Program Codes record to uniquely identify the project to be updated in situations where the same Project Number has been used more than once within the same State.

A new project that has the same State and Project Number as an existing project cannot be created in FMIS 4. All such projects on the FMIS 4 database were converted from FMIS 3. For converted projects where State and Project Number are not unique, a detail line can be added with a Program Code that is new to the project, provided that the new Program Code does not already exist on another project with the same State and Project Number.

Record Layout

RECORD TYPE A: PROJECT PROGRAM CODE				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric, must contain A.	Yes
Filler	11-13	3	Must be Blank.	
Program Code 1	14-17	4	Alpha/Numeric	Yes
Program Code 2	18-21	4	Alpha/Numeric	
Program Code 3	22-25	4	Alpha/Numeric	
Program Code 4	26-29	4	Alpha/Numeric	
Program Code 5	30-33	4	Alpha/Numeric	
Program Code 6	34-37	4	Alpha/Numeric	
Program Code 7	38-41	4	Alpha/Numeric	
Program Code 8	42-45	4	Alpha/Numeric	

RECORD TYPE A: PROJECT PROGRAM CODE				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Program Code 9	46-49	4	Alpha/Numeric	
Program Code 10	50-53	4	Alpha/Numeric	
Filler	54-256	203	Alpha/Numeric	

RECORD TYPE B: Project Header Summary

The Project Header Summary record is used to maintain data that relates to the whole project.

Record Layout

RECORD TYPE B: PROJECT HEADER SUMMARY				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric, must contain B.	Yes
Filler	11	1	Must be blank.	
Action Type	12-13	2	Alpha/Numeric	Yes
Standard Place Code	14-19	6	Alpha/Numeric	
Beginning Mile Point	20-26	7 with 3 decimals	Numeric	
Ending Mile Point	27-33	7 with 3 decimals	Numeric	
Filler	34	1	Blank	
Project Type	35	1	Alpha/Numeric	
Inventory Route Number	36-47	12	Alpha/Numeric	
Estimated Construction Date				
Est-Const-Mo	48-49	2	Alpha/Numeric	
Est-Const-YY	50-53	4	Alpha/Numeric	
Project Completed Date				
Proj-Completed-MM	54-55	2	Alpha/Numeric	

RECORD TYPE B: PROJECT HEADER SUMMARY				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Proj-Completed-DD Proj-Completed-YY	56-57 58-61	2 4	Alpha/Numeric Alpha/Numeric	
Project Oversight	62	1	Alpha/Numeric	Yes
Filler	63-64	2	Must be blank	
Disaster Data				
Disaster-Fiscal-Year Disaster-Sequence Number	65-68 69-70	4 2	Alpha/Numeric Alpha/Numeric	
Environmental Clearance Data				
Envrl-Clearance Envrl-Clearance-Date Envrl-Clearance-MM Envrl-Clearance-DD Envrl-Clearance-YY	71-72 73-74 75-76 77-80	2 Left Justify 2 2 4	Alpha/Numeric Alpha/Numeric Alpha/Numeric Alpha/Numeric	
Demonstration Project Identification	81-85	5	Alpha/Numeric	
STIP Reference	86-105	20	Alpha/Numeric	
Project Description	106-235	130	Alpha/Numeric	Yes
State signature required	236	1	Alpha/Numeric	
Emergency Relief Eligible	237	1	Alpha/Numeric	
Emergency Relief Code	238-245	8	Alpha/Numeric	
Filler	246-256	11	Must be Blank.	

Coding For the Action Type Field

Action Needed	Action Type
A. To add or change a project.	01
B. To close an open project. Rule: To close a project, the expenditures and obligations for each Program Code within the project must be equal. If the expenditure and obligations are not equal, the project will be marked for closure. When the expenditures and obligations match, the project will automatically close.	03
C. To Withdraw a project. Rule: To withdraw a project, the current expenditures must be zero.	06
D. To reopen a closed project.	10

Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric, last three numeric. Project Number may not contain the letter O.
Action Type	01 - Add or Change 03 - Close an open project 06 - Withdraw a project 10 - Re-open a closed project
Standard Place Code	This field must be equal to NA, or it must end in a C, T, V, W, or Y.
Project Type	B - SIB C - Conventional D - Demo E - Emergency Relief P - STP
Project Oversight	Valid Oversight values for new projects or changing Project Oversight on pre-existing projects following the Spring 2012 rule change: S - Full Oversight/State Administered F - Full Oversight/Locally Administered T - Delegated/State Administered D - Delegated/Locally Administered Z - Other The following obsolete Oversight values are acceptable on projects that pre-exist the Spring 2012 rule change, PROVIDED that Oversight is not being changed. N - Full Oversight (NHS) X - Full Oversight (non-NHS) A - State Administered Z - Other
Environmental Clearance (Left Justify)	1 - EIS 2 - Categorical Exclusion 2A - C.E.- Programmatic 2B - C.E.- State Documentation 2C - C.E. -FHWA Documentation 3 - Environmental Assessment 4 - Finding of No Sig. Impact
Environmental Clearance Date	Must not contain a valid date, unless the Environmental Clearance Field contains data.
Demonstration Project Identification	1. Demo ID must exist on an allocation or an apportionment for the State. 2. The value supplied on this record will be applied to each and every detail line where the program code is a demo program

Field Name	Valid Values
	code within the same project. 3. Once fully approved, Demo ID cannot be changed. Therefore, the B record Demo ID is in error if it is different from the Demo ID for any active project detail line that has a non-blank Demo ID on the Current version of the project.
Estimated Construction Date	Must contain a valid date, if the Demonstration Project Identification field contains data.
Project Completed Date	Must contain a valid date.
Disaster Data	Required for Emergency Relief projects.
Emergency Relief Eligible	Must be Y or N. Must be N for Demo projects. Once approved, Emergency Relief Eligible cannot be changed from Y to N.
Emergency Relief Code	The Code is required 1) When Emergency Relief Eligible is Y 2) When Emergency Relief program code/detail is added to the project in G Record When entered, the Code must be a valid 8-character value in Fund_Sumry table. The first 2 characters are State Postal.

RECORD TYPE C: STATE REMARKS

The State Remarks record is used when comments need to be recorded for the project.

Record Layout

RECORD TYPE C: STATE REMARKS				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric must contain a C.	Yes
Record Number	11	1	Alpha/Numeric	Yes
Action-Type	12-13	2	Alpha/Numeric	Yes
State Remarks	14-213	200	Alpha/Numeric	Yes

RECORD TYPE C: STATE REMARKS				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Filler	214-256	43	Must be Blank.	

Coding For The Record Number Field

Coding Considerations
1. There are 1200 characters reserved for remarks, but only 200 can be recorded per record. Therefore, you can send in 6 different records, numbered 1 - 6 in the record number field. They will be recorded and displayed in the record number sequence.
2. The remarks will be overlaid. Send in all remarks for the project each time remarks are updated.

Coding For The Action Type Field

Action Needed	Action Type
A. To add or change State Remarks.	01
B. To delete State Remarks.	08

Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric, last three numeric characters. Project Number may not contain the letter O.
Record Number	1 - Record 1 2 - Record 2 3 - Record 3 4 - Record 4 5 - Record 5 6 - Record 6
Action Type	01 - Add or Change 08 - Delete

RECORD TYPE D: STATE PROJECT NUMBER

This record allows the State to apply one or more State project number(s) to a FMIS project.

Record Layout

RECORD TYPE D: STATE PROJECT NUMBER				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric Must contain D	Yes
Record Number	11	1	Alpha/Numeric	Yes
Action-Type	12-13	2	Alpha/Numeric	Yes
State Project Number 1	14-26	13	Alpha/Numeric	Yes
State Project Number 2	27-39	13	Alpha/Numeric	
State Project Number 3	40-52	13	Alpha/Numeric	
State Project Number 4	53-65	13	Alpha/Numeric	
State project Number 5	66-78	13	Alpha/Numeric	
State Project Number 6	79-91	13	Alpha/Numeric	
State Project Number 7	92-104	13	Alpha/Numeric	
State Project Number 8	105-117	13	Alpha/Numeric	
State Project Number 9	118-130	13	Alpha/Numeric	
State Project Number 10	131-143	13	Alpha/Numeric	
State Project Number 11	144-156	13	Alpha/Numeric	
State Project Number 12	157-169	13	Alpha/Numeric	
State Project Number 13	170-182	13	Alpha/Numeric	
State Project Number 14	183-195	13	Alpha/Numeric	
State Project Number 15	196-208	13	Alpha/Numeric	
State Project Number 16	209-221	13	Alpha/Numeric	
State Project Number 17	222-234	13	Alpha/Numeric	
State Project Number 18	235-247	13	Alpha/Numeric	
Filler	248-256	9	Alpha/Numeric must be Blank.	

Coding For The Record Number Field

Coding Considerations	
A.	Up to eighteen State project numbers can be sent on one record.
B.	Multiple records are allowed, each identified by a different record number of 1-9.
C.	If adding or deleting a State Project Number, all State Project Numbers within one record must apply to the same Action Type.

Coding For The Action Type Field

Action Needed	Action Type
A. To add State project numbers.	01
B. To delete State project numbers.	08
C. To change State Project Numbers, the number must first be deleted and then the new number must be added. This can be done within the same transmission.	

Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric-numeric, last three numeric characters.
Record Number	1 - Record 1 2 - Record 2 3 - Record 3 4 - Record 4 5 - Record 5 6 - Record 6 7 - Record 7 8 - Record 8 9 - Record 9
Action Type	01 - Add 08 - Delete

RECORD TYPE E: RELATED PROJECT IDENTIFICATION

This Record allows the State to relate one or more project(s) to a parent project.

Record Layout

RECORD TYPE E: RELATED PROJECT IDENTIFICATION				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field

RECORD TYPE E: RELATED PROJECT IDENTIFICATION				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric must contain E.	Yes
Record Number	11	1	Alpha/Numeric	Yes
Action Type	12-13	2	Alpha/Numeric	Yes
Related Projects 1				Yes
Related State Code	14-15	2	Alpha/Numeric	
Related Project Number	16-22	7	Alpha/Numeric	
Project Relationship	23	1	Alpha/Numeric	
Program Code	24-27	4	Alpha/Numeric	
Related Projects 2				
Related State Code	28-29	2	Alpha/Numeric	
Related Project Number	30-36	7	Alpha/Numeric	
Project Relationship	37	1	Alpha/Numeric	
Program Code	38-41	4	Alpha/Numeric	
Related Projects 3				
Related State Code	42-43	2	Alpha/Numeric	
Related Project Number	44-50	7	Alpha/Numeric	
Project Relationship	51	1	Alpha/Numeric	
Program Code	52-55	4	Alpha/Numeric	
Related Projects 4				
Related State Code	56-57	2	Alpha/Numeric	
Related Project Number	58-64	7	Alpha/Numeric	
Project Relationship	65	1	Alpha/Numeric	
Program Code	66-69	4	Alpha/Numeric	
Related Projects 5				
Related State Code	70-71	2	Alpha/Numeric	
Related Project Number	72-78	7	Alpha/Numeric	
Project Relationship	79	1	Alpha/Numeric	
Program Code	80-83	4	Alpha/Numeric	
Related Projects 6				
Related State Code	84-85	2	Alpha/Numeric	
Related Project Number	86-92	7	Alpha/Numeric	

RECORD TYPE E: RELATED PROJECT IDENTIFICATION				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Relationship Program Code	93 94-97	1 4	Alpha/Numeric Alpha/Numeric	
Related Projects 7				
Related State Code	98-99	2	Alpha/Numeric	
Related Project Number	100-106	7	Alpha/Numeric	
Project Relationship	107	1	Alpha/Numeric	
Program Code	108-111	4	Alpha/Numeric	
Related Projects 8				
Related State Code	112-113	2	Alpha/Numeric	
Related Project Number	114-120	7	Alpha/Numeric	
Project Relationship	121	1	Alpha/Numeric	
Program Code	122-125	4	Alpha/Numeric	
Related Projects 9				
Related State Code	126-127	2	Alpha/Numeric	
Related Project Number	128-134	7	Alpha/Numeric	
Project Relationship	135	1	Alpha/Numeric	
Program Code	136-139	4	Alpha/Numeric	
Related Projects 10				
Related State Code	140-141	2	Alpha/Numeric	
Related Project Number	142-148	7	Alpha/Numeric	
Project Relationship	149	1	Alpha/Numeric	
Program Code	150-153	4	Alpha/Numeric	
Related Projects 11				
Related State Code	154-155	2	Alpha/Numeric	
Related Project Number	156-162	7	Alpha/Numeric	
Project Relationship	163	1	Alpha/Numeric	
Program Code	164-167	4	Alpha/Numeric	
Related Projects 12				
Related State Code	168-169	2	Alpha/Numeric	
Related Project Number	170-176	7	Alpha/Numeric	
Project Relationship	177	1	Alpha/Numeric	
Program Code	178-181	4	Alpha/Numeric	
Related Projects 13				
Related State Code	182-183	2	Alpha/Numeric	
Related Project Number	184-190	7	Alpha/Numeric	
Project Relationship	191	1	Alpha/Numeric	
Program Code	192-195	4	Alpha/Numeric	

RECORD TYPE E: RELATED PROJECT IDENTIFICATION				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Related Projects 14				
Related State Code	196-197	2	Alpha/Numeric	
Related Project Number	198-204	7	Alpha/Numeric	
Project Relationship	205	1	Alpha/Numeric	
Program Code	206-209	4	Alpha/Numeric	
Related Projects 15				
Related State Code	210-211	2	Alpha/Numeric	
Related Project Number	212-218	7	Alpha/Numeric	
Project Relationship	219	1	Alpha/Numeric	
Program Code	220-223	4	Alpha/Numeric	
Related Projects 16				
Related State Code	224-225	2	Alpha/Numeric	
Related Project Number	226-232	7	Alpha/Numeric	
Project Relationship	233	1	Alpha/Numeric	
Program Code	234-237	4	Alpha/Numeric	
Related Projects 17				
Related State Code	238-239	2	Alpha/Numeric	
Related Project Number	240-246	7	Alpha/Numeric	
Project Relationship	247	1	Alpha/Numeric	
Program Code	248-251	4	Alpha/Numeric	
Filler	252-256	5	Alpha/must be blank.	

Coding For The Record Number Field

Coding Considerations
A. Up to seventeen project numbers can be sent on one record.
B. Multiple records are allowed.
C. Record number can be from 1 to 9.

Coding For The Action Type Field

Action Needed	Action Type

A.	To add project numbers.	01
B.	To delete project numbers.	08
C.	If adding or deleting a related project number, all related project numbers within one record must apply to the same Action Type.	
D.	To change a project number, delete the incorrect related project number and then add the new related project number.	

Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric-numeric, last three numeric.
Record Number	1 - Record 1 2 - Record 2 3 - Record 3 4 - Record 4 5 - Record 5 6 - Record 6 7 - Record 7 8 - Record 8 9 - Record 9
Action Type	01 - Add 08 - Delete
Related State Code	Must be a valid State Code.
Related Project Number	Must already exist on the FMIS database.
Project Relationship	C - Construction D - Demo E - Environmental Impact Statement G - Garvee J - Joint-funded M - Multi-Funded P - Preliminary Engineering R - Right-Of-Way V - Converted

RECORD TYPE F: NBI STRUCTURE NUMBER

This Record allows the State to enter one or more NBI number(s) on project.

Record Layout

RECORD TYPE F: NBI STRUCTURE NUMBER				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric must contain F.	Yes
Record Number	11	1	Alpha/Numeric	Yes
Action Type	12-13	2	Alpha/Numeric	Yes
NBI Structure Data 1				
Program Code	14-17	4	Alpha/Numeric	
Improvement Type	18-19	2	Numeric	
NBI Number	20-34	15	Alpha/Numeric	
NBI Structure Data 2				
Program Code	35-38	4	Alpha/Numeric	
Improvement Type	39-40	2	Numeric	
NBI Number	41-55	15	Alpha/Numeric	
NBI Structure Data 3				
Program Code	56-59	4	Alpha/Numeric	
Improvement Type	60-61	2	Numeric	
NBI Number	62-76	15	Alpha/Numeric	
NBI Structure Data 4				
Program Code	77-80	4	Alpha/Numeric	
Improvement Type	81-82	2	Numeric	
NBI Number	83-97	15	Alpha/Numeric	
NBI Structure Data 5				
Program Code	98-101	4	Alpha/Numeric	
Improvement Type	102-103	2	Numeric	
NBI Number	104-118	15	Alpha/Numeric	
NBI Structure Data 6				
Program Code	119-122	4	Alpha/Numeric	
Improvement Type	123-124	2	Numeric	
NBI Number	125-139	15	Alpha/Numeric	
NBI Structure Data 7				
Program Code	140-143	4	Alpha/Numeric	
Improvement Type	144-145	2	Numeric	
NBI Number	146-160	15	Alpha/Numeric	
NBI Structure Data 8				
Program Code	161-164	4	Alpha/Numeric	
Improvement Type	165-166	2	Numeric	

RECORD TYPE F: NBI STRUCTURE NUMBER				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
NBI Number	167-181	15	Alpha/Numeric	
NBI Structure Data 9 Program Code Improvement Type NBI Number	182-185 186-187 188-202	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
NBI Structure Data 10 Program Code Improvement Type NBI Number	203-206 207-208 209-223	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
NBI Structure Data 11 Program Code Improvement Type NBI Number	224-227 228-229 230-244	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Filler	245--256	12	Blank	

Coding For The Record Number Field

Coding Considerations
A. Up to eleven NBI numbers can be sent on one record.
B. Multiple records are allowed
C. Record Number can be from 1 - 9.
D. The following are the edits for action type 09. 1) NBI # is not allowed and must be space filled for each Program Code supplied; 2) Improvement type is not allowed and must be space filled for each Program Code supplied; 3) At least one Program Code must be present on the F record; 4) As many as 11 Program Codes can be supplied. They need to be in positions 14-17, 35-38, 56-59, etc. See EDS manual for the position of all 11 Program Codes; 5) Program Code does not need to be found on the NBI table for the Project in FMIS, but must be a valid Program Code within FMIS;

Coding For The Action Type Field

Action Needed	Action Type
A. To add NBI numbers.	01
B. To delete NBI numbers.	08

C.	To delete all NBI records for a program code.	09
D.	If adding (action type 01) or deleting a NBI number(s) (action type 08), all NBI number(s) within one record must apply to the same action type.	
E.	To change a NBI number, delete the incorrect NBI Number and then add the new NBI number. This can be done in the same transmission.	
F.	To delete all NBI records for a program code, just send the program code in question. Do not supply improvement type or NBI numbers in this case.	

Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric-numeric, last three numeric characters. Project Number may not contain the letter O.
Record Number	1 - Record 1 2 - Record 2 3 - Record 3 4 - Record 4 5 - Record 5 6 - Record 6 7 - Record 7 8 - Record 8 9 - Record 9
Action Type	01 - Add 08 - Delete NBI numbers listed on the record. 09 - Delete all NBI records for the program code listed on the record.
Program Code	The Program code Must exist on the Program Code table
Improvement Type	The Improvement type must be valid
NBI Structure Number	The NBI Structure Number must exist on a NBI table within FMIS.

RECORD TYPE G: PROJECT DETAIL

The Project Detail record contains the financial and statistics data for the project. Depending on the funding and the mix of statistics, there may be numerous Project Detail Records.

Record Layouts

RECORD TYPE G: PROJECT DETAIL				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field

RECORD TYPE G: PROJECT DETAIL				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric, must be G.	Yes
Filler	11	1	Must be blank	
Action-Type	12-13	2	Alpha/Numeric	Yes
Program Code	14-17	4	Alpha/Numeric	Yes
Detail Number	18-19	2	Numeric	Yes
Percent of Federal Share	20-24	5 with 2 decimals	Numeric	
Improvement Type	25-26	2	Alpha/Numeric	
County Code	27-29	3	Alpha/Numeric	
Rural or Urban	30	1	Alpha/Numeric	
Functional System	31	1	Alpha/Numeric	
Federal Aid System	32	1	Alpha/Numeric	
Toll Road	33	1	Alpha/Numeric	
100% Safety	34	1	Alpha/Numeric	
Temporary Match	35	1	Alpha/Numeric	
Indian Reservation	36	1	Alpha/Numeric	
Filler	37	1	Must be Blank	
FTA	38	1	Alpha/Numeric	
Federal Funds Amount	39-51	13, with 2 decimals	Numeric	
Urbanized Area	52-54	3	Alpha/Numeric	
Withdrawal Area	55-57	3	Alpha/Numeric	
Prefix	58-67	10	Alpha/Numeric	
State Funds Amount	68-80	13, with 2 decimals	Numeric	
Private Funds Amount	81-93	13, with 2	Numeric	

RECORD TYPE G: PROJECT DETAIL				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
		decimals		
Total Cost Amount	94-106	13, with 2 decimals	Numeric	
Non-Monetary Amount	107-119	13, with 2 decimals	Numeric	
Local Funds Amount	120-132	13, with 2 decimals	Numeric	
Converted Funds	133-145	13, with 2 decimals	Numeric	
Advance Construction Funds	146-158	13, with 2 decimals	Numeric	
Type of work	159	1	Alpha/Numeric	
FHWA area	160-161	2	Alpha/Numeric	
Soft Match Amount	162-174	13,2	Numeric	
Other Funds	175-187	13,2	Numeric	
Design / Build	188	1	Alpha/Numeric	
Hwys for Life	189	1	Alpha/Numeric	
Demonstration Project Identification	190-194	5	Alpha/Numeric	
CMGC (Construction Manager/General Contractor)	195	1	Alpha/Numeric	
Other-SEP-14	196	1	Alpha/Numeric	
Appalachia	197	1	Alpha/Numeric	
Ownership	198	1	Alpha/Numeric	
Filler	199-256	58	Must be Blank.	

Coding For the Action Type Field

Action Needed	Action Type
A. To Add/Change detail records.	01
B. To delete detail records. Only the Project Number, Program Code and Detail Number must be supplied.	08

C. To re-establish a deleted or withdrawn detail line. Project Number, Program Code and Detail Number must be supplied. If other fields need to change, they may also be submitted on this record.	04
D. To withdraw a program code. Project Number and Program Code must be supplied. Do not supply Detail Number. This action will withdraw all detail line numbers with the same program code.	06

Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric-numeric, last three numeric characters. Project Number may not contain the letter O.
Action Type	01 - Add/change 04 - Re-establish a deleted or withdrawn line. 06 - Withdraw a program code. 08 - Delete a line.
Program Code	Must be a valid Program Code.
Detail Number	Detail Number may not be duplicated within the same Program Code and it must be 01 - 99.
Improvement Type	01 - New Construction Roadway 02 - 4R-Reconstruction 03 - 4R-Reconstruction Added Capacity 04 - 4R-Reconstruction No Added Capacity 05 - 4R-Maintenance Resurfacing 06 - 4R-Maintenance Restoration & Rehabilitation 07 - 4R-Maintenance Relocation 08 - Bridge New Construction 09 - Bridge Replacement 10 - Bridge Replacement-Added Capacity 11 - Bridge Replacement-No Added Capacity 12 - Bridge Rehabilitation 13 - Bridge Rehabilitation-Added Capacity 14 - Bridge Rehabilitation-No Added Capacity 15 - Preliminary Engineering 16 - Right of Way 17 - Construction Engineering 18 - Planning 19 - Research 20 - Environmental Only

Field Name	Valid Values
	21 - Safety 22 - Rail/Hwy Crossing 23 - Transit 24 - Traffic Management/Engineering - HOV 25 - Vehicle Weight Enforcement Program 26 - Ferry Boats 27 - Administration 28 - Facilities for Pedestrians and Bicycles 29 - Acquisition of Scenic Easements and Scenic or Historic Sites 30 - Scenic or Historic Highway Programs 31 - Landscaping and Other Scenic Beautification 32 - Historic Preservation 33 - Rehabilitation and Operation of Historic Transportation Buildings, Structures, or Facilities 34 - Preservation of Abandoned Railway Corridors 35 - Control and Removal of Outdoor Advertising 36 - Archaeological Planning & Research 37 - Mitigation of Water Pollution due to Highway Runoff 38 - Safety and Education for Pads/Bicyclists 39 - Establishment of Transportation Museums 40 - Special Bridge 41 - Youth Conservation Service 42 - Training 43 - Utilities 44 - Other 45 - Debt Service 46 - Design-Build Contract [Obsolete] 47 - Bridge Preventive Maintenance 48 - Bridge Protection 49 - Bridge Inspection and Bridge Related Training 50 - New Tunnel 51 - Tunnel Replacement 52 - Tunnel Rehabilitation 53 - Tunnel Preservation 54 - Tunnel Protection 55 - Tunnel Inspection and Tunnel Related Training 56 - Other Asset Inspection 57 - Safety-Non Infrastructure 58 - Freight 99 - Unknown 08 cannot be chosen if recode is 130, 131, 132, 135, 136, 142, or

Field Name	Valid Values
	597 (HBP fund).
County Code	Must be a valid County Code for the State.
Rural or Urban	R - Rural U - Urban R is in general selected when recode is 964 (HRRR).
Functional System	C - Major Collector L - Local M - Minor Arterial N - No Functional classification P - Principal Arterial R - Minor Collector F - Freeways & Expressway
Federal Aid System	I - Interstate N - NHS Non-Interstate O - Other Federal-Aid Highway Z - Non on any Federal-Aid System
Toll Road	Must be Y or N.
Safety	Must be Y or N.
Temporary Match	Must be Y or N.
Indian Reservation	Must be Y or N.
FTA	Must be Y or N.
Type of work	Must be C or blank. C=Construction When Type of Work is C, Improvement Type must be 1-14, 17, 20-26, 28-44, 47. (FPR 380)
Hwys for Life	Must be Y, N or blank. Can be Y when 1) program code does not belong to program codes LV10, LV20, LV30 and TV50 2) It is an apportioned fund.
Demonstration Project Identification	1) Demo ID must exist on an allocation or an apportionment for the State. 2) If Demo ID is supplied on the Header (B) record for the project, this field on the Detail (G) must be blank. 3) Once fully approved, Demo ID cannot be changed. If an active detail line carries a non-blank Demo ID on the CURRENT version of the project, then the value of Demo ID can no longer be changed for that detail line.
CMGC	Must be Y, N or blank.
Other-SEP-14	Must be Y, N or blank.

Field Name	Valid Values
Appalachia	Must be Y, N or blank.
Ownership	S – State L – Local O – Other

Setting Up Advance Construction Projects

In FMIS 4, there is an Advance Construction Funds amount field on each Project Detail Record that is used to denote that the Detail Record has Advance Construction funds. No separate Program Code is needed.

To set up a new project with AC funding, create the Project Header Summary information and its associated Project Detail Records. On the appropriate Project Detail Record, include the Advance Construction Funds in the Advance Construction Funds amount field. A Project Detail Record can contain both Federal Funds and Advance Construction Funds.

Converting Advance Construction Projects

Projects that contain Advance Construction Funds may be converted using full conversion or partial conversion rules. A full conversion is when all Detail Records within one program code are being converted. A partial conversion is when some of the Detail Records within one program code are being converted or a portion of the funds on a Detail Record is converted.

Full Conversions - There are 2 types of full conversions. The first type is when the program code is being converted to the same Program Code (Program Code L110 to Program Code L110). The second type is when the Program Code is being converted to a different Program Code (obsolete Program Code 00E0 to Program Code L120 or Program Code L110 to Program Code L120).

Full Conversion Type One - converting the full Advance Construction Funds amount from and to the same Program Code and Line Number (e.g. Program Code L110, Line Number 01 to Program Code L110, Line Number 01).

Transmit a Project Detail Record for each Project Detail Record within the Program Code that contains Advance Construction Funds. Each record transmitted must contain:

- A. Action Type field must be 01.
- B. Add the Advanced Construction Funds to the Federal Funds amount and the Converted Funds amount.
- C. Zero out the Advanced Construction Funds.

Full Conversion Type Two - converting the full Advance Construction Funds Amount from one Program Code to a new Program Code (e.g. Program Code 00E0 to L120 or L110 to L120).

Transmit two Project Detail Records for every Project Detail Record being converted. The records should contain:

First record - Project Detail Record being converted.

- A. Set action type to '01'.
- B. Add the Advance Construction Funds to the Converted Funds amount.
- C. Zero out the Advance Construction Funds Amount.

Second Record - The converted Project Detail Record.

- A. Set up a record with the new program code and all other statistical data that applies.
- B. Set action type to '01'.
- C. Add the Advance Construction Funds (from the record being converted) to the Federal Funds and Total Cost Amounts.

Partial Conversions - There are two types of partial conversions. Type one is when part of an Advance Construction amount is converted to a different Program Code or to the same Program Code but to a different Project Detail Record (Line Number). Type two is when converting a partial amount to the same Program Code and the same Project Detail Record (Line Number).

Partial Conversion Type One - converting part of the Advance Construction Funds to a different Program Code, or to the same Program Code but to a different Project Detail Record (line number) (e.g. Program Code L110 line x to L110 line y or 00E0 line x to L120 line x).

Transmit two Project Detail Records for every Project Detail Record being converted. The records should contain:

First Record - Project Detail Record being partially converted.

- A. Set action type to '01'
- B. Add the Advance Construction Funds being converted to the Converted Funds amount.
- C. Lower the Advance Construction Funds Amount by the amount converted.

Second Record - Project Detail Record that is converted.

- A. Set up a record with the new program code, line number and all other statistical data that applies.
- B. Set action type to '01'.
- C. Add the Advance Construction Funds (the partial converted amount) to the

Federal Funds and Total Cost Amounts.

Partial Conversion Type Two - converting part of the Advance Construction Funds on a Project Detail Record to Federal Funds on the same Project Detail Record.

Transmit a Project Detail Record for each Project Detail Record that contains Advance Construction Funds to be converted. Each record transmitted must contain:

- A. Action Type field must be ‘01’.
- B. Add the Advance Construction Funds to the Federal Funds, Total Cost and the Converted Funds amounts.
- C. Lower the Advance Construction Funds by the amount converted.

RECORD TYPE H: PROJECT DETAIL CONGRESSIONAL DISTRICT

This Record allows the State to enter one or more congressional district(s) on a detail line.

Record Layout

RECORD TYPE H: PROJECT DETAIL CONGRESSIONAL DISTRICT				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric, must be H.	Yes
Filler	11	1	Must be blank	
Action-Type	12-13	2	Alpha/Numeric	Yes
Program Code	14-17	4	Alpha/Numeric	Yes
Detail Number	18-19	2	Numeric	Yes
Congressional District Data 1				
Congressional District	20-21	2	Numeric	
District Percent	22-24	3	Numeric	
Congressional District Data 2				
Congressional District	25-26	2	Numeric	
District Percent	27-29	3	Numeric	
Congressional District Data 3				

RECORD TYPE H: PROJECT DETAIL CONGRESSIONAL DISTRICT				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Congressional District District Percent	30-31 32-34	2 3	Numeric Numeric	
Congressional District Data 4				
Congressional District District Percent	35-36 37-39	2 3	Numeric Numeric	
Congressional District Data 5				
Congressional District District Percent	40-41 42-44	2 3	Numeric Numeric	
Congressional District Data 6				
Congressional District District Percent	45-46 47-49	2 3	Numeric Numeric	
Congressional District Data 7				
Congressional District District Percent	50-51 52-54	2 3	Numeric Numeric	
Congressional District Data 8				
Congressional District District Percent	55-56 57-59	2 3	Numeric Numeric	
Congressional District Data 9				
Congressional District District Percent	60-61 62-64	2 3	Numeric Numeric	
Congressional District Data 10				
Congressional District District Percent	65-66 67-69	2 3	Numeric Numeric	
Congressional District Data 11				
Congressional District District Percent	70-71 72-74	2 3	Numeric Numeric	
Congressional District Data 12				
Congressional District District Percent	75-76 77-79	2 3	Numeric Numeric	
Congressional District Data 13				
Congressional District	80-81	2	Numeric	

RECORD TYPE H: PROJECT DETAIL CONGRESSIONAL DISTRICT				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
District Percent	82-84	3	Numeric	
Congressional District Data 14				
Congressional District	85-86	2	Numeric	
District Percent	87-89	3	Numeric	
Congressional District Data 15				
Congressional District	90-91	2	Numeric	
District Percent	92-94	3	Numeric	
Congressional District Data 16				
Congressional District	95-96	2	Numeric	
District Percent	97-99	3	Numeric	
Congressional District Data 17				
Congressional District	100-101	2	Numeric	
District Percent	102-104	3	Numeric	
Congressional District Data 18				
Congressional District	105-106	2	Numeric	
District Percent	107-109	3	Numeric	
Congressional District Data 19				
Congressional District	110-111	2	Numeric	
District Percent	112-114	3	Numeric	
Congressional District Data 20				
Congressional District	115-116	2	Numeric	
District Percent	117-119	3	Numeric	
Filler	120-256	137	Must be Blank.	

Project Detail Cong. District - Coding For the Action Type Field

Action Needed	Action Type
A. To add Congressional Districts.	01
B. To delete Congressional Districts.	08
C. If adding or deleting Congressional Districts, all Congressional Districts within one record must apply to the same action type.	

D.	To change a Congressional District, delete the incorrect Congressional District and then add the new Congressional District. This can be done in the same transmission.	
E.	When adding Congressional district using action type 01, all existing congressional districts for the detail would be deleted prior to adding the new one(s).	

Project Detail Cong. District - Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric-numeric, last three numeric.
Action Type	01 - Add 08 - Delete
Program Code	Must be a valid Program Code.
Detail Number	The Detail Number must already exist on the database or a Detail Record with this Detail Number must be included in the transmission.
Congressional District	Must be a valid Congressional District for the State.

RECORD TYPE I: STATE SIGNATURES

This record allows the State to sign the authorization and agreements for projects. When signing a project, the lowest level of authority must be entered first.

Example (1) - The following is **not allowed**, because the “CERTIFIED” signature should have a name.

	<i>FMIS database</i>	Transmitted
CERTIFIED	<i>No signature</i>	No signature/blank
RECOMMENDED	<i>No signature</i>	John Doe
AUTHORIZATION	<i>No signature</i>	No signature/blank

Example (2) - The following is **allowed**.

	<i>FMIS database</i>	Transmitted
CERTIFIED	<i>No signature</i>	Jane Doe
RECOMMENDED	<i>No signature</i>	Tony Doe
AUTHORIZATION	<i>No signature</i>	No signature/blank

When un-signing a project, the highest level of authority must be cleared first. **If a Division**

signature is present the State will not be allowed to un-sign.

Example (1) - The following is **not allowed**, because the “AUTHORIZATION” should also have asterisks in order to un-sign “RECOMMENDED”.

	<i>FMIS database</i>	<i>Transmitted</i>
CERTIFIED	<i>Jane Smith</i>	<i>Blank</i>
RECOMMENDED	<i>Ron Gise</i>	*****
AUTHORIZATION	<i>Mary Townson</i>	<i>Blank</i>

Example (2) - The following is **allowed**.

	<i>FMIS database</i>	<i>Transmitted</i>
CERTIFIED	<i>Jane Smith</i>	<i>Blank</i>
RECOMMENDED	<i>Ron Gise</i>	*****
AUTHORIZATION	<i>Mary Townson</i>	*****

State Signatures - Record Layout

RECORD TYPE I: STATE SIGNATURES				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric, must be I.	Yes
Filler	11	1	Must be Blank.	
Action Type	12-13	2	Alpha/Numeric	Yes
State Certified Date				
State Certified Month	14-15	2	Alpha/Numeric	
State Certified Day	16-17	2	Alpha/Numeric	
State Certified Year	18-21	4	Alpha/Numeric	
State Recommended Date				
State Recommended Month	22-23	2	Alpha/Numeric	
State Recommended Day	24-25	2	Alpha/Numeric	
State Recommended Year	26-29	4	Alpha/Numeric	
State Authorized Date				
State Authorized Month	30-31	2	Alpha/Numeric	

RECORD TYPE I: STATE SIGNATURES				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
State Authorized Day State Authorized Year	32-33 34-37	2 4	Alpha/Numeric Alpha/Numeric	
State Certified Signature	38-62	25	Alpha/Numeric	
State Recommended Signature	63-87	25	Alpha/Numeric	
State Authorized Signature	88-112	25	Alpha/Numeric	
Filler	113-256	144	Alpha/Numeric, Must be Blank.	

State Signatures - Coding For The Action Type Field

Action Needed	Action Type
A. To sign a project.	01
B. To un-sign a project.	02

State Signatures-Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric-numeric, last three numeric.
Action Type	01 - Sign 02 - Unsign

RECORD TYPE J: STATE DEFINED PROJECT DATA

The State Defined Project Data record is used by the State to maintain DUNS number, and Major and Pooled Fund project grouping information, as well as State Defined Project Data not used by FHWA. To enter State Defined Project Data, the State must have already defined a title for the data field in the FMIS online system. If a title is not defined, the data in the State FMIS project file will not be stored in FMIS. To enter titles for State Defined Project Data fields, refer to the FMIS manual or on-line help.

State Defined Project Data - Record Layout

RECORD TYPE J: STATE DEFINED PROJECT DATA
--

Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric, must contain J.	Yes
Filler	11	1	Alpha/Numeric, must be Blank.	
Action-Type	12-13	2	Alpha/Numeric	Yes
State Defined Project Data Field 1	14-33	20	Alpha/Numeric	
State Defined Project Data Field 2	34-53	20	Alpha/Numeric	
State Defined Project Data Field 3	54-73	20	Alpha/Numeric	
State Defined Project Data Field 4	74-84	11	Numeric	
State Defined Project Data Field 5	85-95	11	Numeric	
State Defined Project Data Field 6	96-109	14 with 3 decimals	Numeric	
DUNS#	110-118	9	Numeric	
Project Grouping 1				
PROJ-Group-Type	119	1	Character	
PROJ-Group-Code	120-132	13	Alpha/Numeric	
Project Grouping 2				
PROJ-Group-Type	133	1	Character	
PROJ-Group-Code	134-146	13	Alpha/Numeric	
Project Grouping 3				
PROJ-Group-Type	147	1	Character	
PROJ-Group-Code	148-160	13	Alpha/Numeric	
Project Grouping 4				
PROJ-Group-Type	161	1	Character	
PROJ-Group-Code	162-174	13	Alpha/Numeric	
Filler	175-256	82	Must be blank	

State Defined Project Data - Coding For The Action Type Field

Action Needed	Action Type
A. To add or change State Defined Project Data.	01

State Defined Project Data - Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric-numeric, last three numeric.
Action Type	01 - Add/Change
<ul style="list-style-type: none"> • DUNS# 	<ol style="list-style-type: none"> 1. DUNS number is required for all new projects, starting 07/01/2004. This includes STP, SIB, and ER projects. FMIS on-line screens will disallow State or Division signature of new projects when DUNS number is not present 2. In cases where DUNS number is omitted from a new project file in EDS, the project will process through EDS without error, but online users attempting to apply State or Division signatures will not be allowed to sign until DUNS is supplied.
<ul style="list-style-type: none"> • Project Group Type 	<ol style="list-style-type: none"> 1. Required if Group Code is NOT NULL. 2. Must be one of the following <ul style="list-style-type: none"> • M – Major Projects • P – Pooled Funds • D – Demo Project Group • O – Other Projects 3. Project Group Type of ‘*’ will result in removal of all project groups associated with the project .
<ul style="list-style-type: none"> • Project Group Code 	<ol style="list-style-type: none"> 1. Required when Project Group Type is not NULL. 2. If Group Type is “M” Group Code must contain a Major Project Group Code for the State. 3. If Group Type is “P” Group Code must contain a Pooled Fund Project Group Code for the State. 4. If Group Type is “D” Group Code must contain a Demo Project Group Code for the State. 5. If Group Type is “O” Group Code must contain an Other Project Group Code for the State. 6. A single project could be associated with multiple groups. So a federal project could be associated with a Major Project by sending the information in fields for Project Grouping 1 and could also be associated with a Demo project Group by sending the information in fields for Project Grouping 2. However, a single federal project cannot be associated with two major projects or two pooled funds. 7. Valid Special Project Group Codes are available from the FMIS “Projects” menu, by selecting the “Special Project Grouping” option.

RECORD TYPE K: STATE DEFINED DETAIL DATA

The State Defined Detail Data record is used by the State to maintain information not used by FHWA. To enter State Defined Detail Data, the State must have already defined a title for the data field in the FMIS online system. If a title is not defined, the data in the State FMIS project file will not be stored in FMIS. To enter titles for State Defined Detail Data fields, refer to the FMIS manual or on-line help.

State Defined Detail Data - Record Layout

RECORD TYPE K: STATE DEFINED DETAIL DATA				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification:				
State Code	1-2	2	Alpha/Numeric	Yes
Project Number	3-9	7	Alpha/Numeric	Yes
Record Type	10	1	Alpha/Numeric, must contain K.	Yes
Filler	11	1	Must be blank.	
Action-Type	12-13	2	Alpha/Numeric	Yes
Program Code	14-17	4	Alpha/Numeric	Yes
Detail Number	18-19	2	Numeric	Yes
State Defined Detail Data Field 1	20-39	20	Alpha/Numeric	
State Defined Detail Data Field 2	40-59	20	Alpha/Numeric	
State Defined Detail Data Field 3	60-79	20	Alpha/Numeric	
State Defined Detail Data Field 4	80-90	11, no decimal	Numeric	
State Defined Detail Data Field 5	91-101	11, no decimal	Numeric	
State Defined Detail Data Field 6	102-115	14 with 3 decimals	Numeric	
Filler	116-256	141	Must be blank.	

State Defined Detail Data - Coding For The Action Type Field

Action Needed	Action Type
A. To add or change State Defined Detail Data.	01

State Defined Detail Data - Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric-numeric, last three numeric.
Action Type	01 - Add/Change
Program Code	Must be a valid Program Code.
Detail Number	Detail Number may not be duplicated within the same Program Code and it must be 01 - 99.

RECORD TYPE L: TUNNEL STRUCTURE NUMBER

This Record allows the State to enter one or more Tunnel number(s) on a project detail.

Record Layout

RECORD TYPE L: TUNNEL STRUCTURE NUMBER				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Project Identification: State Code Project Number	1-2 3-9	2 7	Alpha/Numeric Alpha/Numeric	Yes Yes
Record Type	10	1	Alpha/Numeric must be L	Yes
Record Number	11	1	Numeric	Yes
Action Type	12-13	2	Alpha/Numeric	Yes
Tunnel Structure Data 1 Program Code Detail Number Tunnel Number	14-17 18-19 20-34	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Tunnel Structure Data 2 Program Code Detail Number Tunnel Number	35-38 39-40 41-55	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Tunnel Structure Data 3 Program Code Detail Number Tunnel Number	56-59 60-61 62-76	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Tunnel Structure Data 4 Program Code Detail Number	77-80 81-82	4 2	Alpha/Numeric Numeric	

RECORD TYPE L: TUNNEL STRUCTURE NUMBER				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
Tunnel Number	83-97	15	Alpha/Numeric	
Tunnel Structure Data 5 Program Code Detail Number Tunnel Number	98-101 102-103 104-118	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Tunnel Structure Data 6 Program Code Detail Number Tunnel Number	119-122 123-124 125-139	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Tunnel Structure Data 7 Program Code Detail Number Tunnel Number	140-143 144-145 146-160	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Tunnel Structure Data 8 Program Code Detail Number Tunnel Number	161-164 165-166 167-181	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Tunnel Structure Data 9 Program Code Detail Number Tunnel Number	182-185 186-187 188-202	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Tunnel Structure Data 10 Program Code Detail Number Tunnel Number	203-206 207-208 209-223	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Tunnel Structure Data 11 Program Code Detail Number Tunnel Number	224-227 228-229 230-244	4 2 15	Alpha/Numeric Numeric Alpha/Numeric	
Filler	245--256	12	Blank	

Coding for the Record Number Field

Coding Considerations	
A.	Up to eleven Tunnel numbers can be sent on one record.
B.	Multiple records are allowed
C.	Record Number can be from 1 - 9.

Coding for the Action Type Field

Action Needed	Action Type
A. To add Tunnel numbers.	01
B. To delete Tunnel numbers.	08
C. If adding (action type 01) or deleting a Tunnel number(s) (action type 08), all Tunnel number(s) within one record must apply to the same action type.	
D. To change a Tunnel number, delete the incorrect Tunnel Number and then add the new Tunnel number. This can be done in the same transmission.	

Valid Values

Field Name	Valid Values
State Code	Must be a valid State Code.
Project Number	First four characters Alpha/Numeric-numeric, last three numeric characters. Project Number may not contain the letter O.
Record Number	1 - Record 1 2 - Record 2 3 - Record 3 4 - Record 4 5 - Record 5 6 - Record 6 7 - Record 7 8 - Record 8 9 - Record 9
Action Type	01 - Add 08 - Delete Tunnel numbers listed on the record.
Program Code	The program code must be present to identify the detail line of the project.
Detail Number	A valid detail number for the project must be present.
Tunnel Structure Number	If Improvement Type is 51,52,53,54, a tunnel # is required.

RECORD TYPE Z: TRAILER

This record is use to track the number of records submitted with the transmission. A count for the Trailer record should not be included.

Trailer - Record Layout

RECORD TYPE Z: TRAILER				
Field Name	Position in Record	Number of Characters	Type of Characters	Required Field
State Code	1-2	2	Alpha/Numeric	Yes
Record Type	3	1	Alpha/Numeric , must be Z.	Yes
Record Count	4-8	5	Numeric	Yes
Filler	9-256	248	Alpha/Numeric must be blank.	

Trailer - General Edits

General Edits	
A.	Every transmission must have a Trailer Record as the last record transmitted.
B.	This record must include the count of the number of records transmitted minus the trailer record.
C.	If the count does not match the number of records in the transmission, the whole transmission will be rejected and not loaded to the FMIS database.
D.	The State Code must be a valid State Code.

6. ELECTRONICALLY TRANSMITTING FMIS PROJECTS FILE

This section describes how States will transmit the FMIS Projects File to FHWA and the FHWA programs that will edit and load this data to FMIS.

TRANSMITTING THE FMIS PROJECTS FILE (ATTENDED MODE)

A user will be able to transmit data to FMIS. This attended mode will use a secure file transfer protocol like HTTP. The FMIS Project file will be transmitted to a server in Washington D.C. The error messages will be returned to the workstation.

TRANSMITTING THE FMIS PROJECTS FILE (UNATTENDED MODE)

States that need to transmit the FMIS Projects file from their mainframe or from a server in an unattended mode will continue to use SNA and/or FTP for their communication protocol.

FHWA=S FILE TRANSFER EDIT/LOAD PROGRAMS

The following programs are used to receive and process the electronically transmitted FMIS project data from the States.

Receiving Program

The receiving program edits the data transmitted, notifies the States of any edit errors, and returns a successful or unsuccessful transmission message. If an error is found in any transaction record for a project, all of the transaction records for that project will be rejected. Projects with all transaction records free of errors will be accepted and loaded to the live FMIS database as a pending project.

Each record description has a list of edits that are performed based on required fields or signatures. For any edit errors, the system will send an error message to the State user.

Sample message for a transmission:

```
THESE ARE YOUR EDS UPLOAD MESSAGES FOR
05/12/1998      AT      08:12:35

19980512 081235 38DEMO100      A PROJECT ALREADY EXIST CANNOT ADD
19980512 081330 38DEMO200 042001 G INVALID DETAIL LINE
19980512 081345 38DEMO200 042002 G FUNDS OVER OBLIG
WARNING B ALL TRANSACTIONS FOR ERROR PROJECTS WILL BE BYPASSED
19980512 081400 38DEMO333      SUCCESSFUL TRANSMISSION
END OF MESSAGES
```

The 2 projects that received errors will not be loaded to the database, while all other projects in this transmission will be loaded.

If errors occur for a project, all records transmitted for that project will be rejected and a list of errors will be returned to the State. However, a transmission will be considered unsuccessful only if all records in the transmitted file are rejected.

Load Program

This program will load the error free projects to the FMIS database. *These projects may be pending awaiting review and signatures or loaded directly into the current project if only statistical data is sent, such as Standard place code.* If there is a pending project already on the FMIS database and the pending project **does not** contain any signatures (State or FHWA), the record being loaded will be added to the existing pending project. The fields that are on the pending projects will be overlaid by non-blank fields from the records being loaded. The fields that are on the pending projects and not on the records being loaded will remain as they were.

7. LOCATION OF TESTPLAN

The test plan for this interface is located at:

G:\Functional Reqs\fmis\Documents\Functional_Req\FMIS40\EDS-FROM-STATES.doc

8. EDS ERROR MESSAGES

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
1. Program Code	Indicates the category of funds in the new system. Named as "appropriation code" in FMIS 3.	FPR-00162				This can occur in one of the following cases 1) A program code was not supplied for a new detail line. 2) The program code supplied in the record is not a valid program code in FMIS.
		FPR-00197				The Program code entered in the NBI record (F record) is not a valid program code in FMIS.
		FPR-00305				An attempt was made to create a new detail line for a program code that is a source code only.
		FPR-00306				An attempt was made to create a new detail line for a program code that is obsolete.
		FPR-00339				The program code mentioned in the error message is obsolete and hence cannot be added to the project.
		FPR-00337				Federal Funds for Project & Obsolete Program Code can't exceed total as of 09/30/2001. An attempt was made to increase the federal funds beyond the value existed as of 09/30/2001.
		FPR-00338				Advanced Construction Funds for Project & Obsolete Program Code can't exceed total as of 09/30/2001.
2. Prefix	Alpha value that corresponds with given funding categories.					
3. Detail Number	Used to identify a portion of work.	FPR-00162				This can occur in one of the following cases: 1) The detail number supplied on the G record is not a valid number. Expecting a number in this field when action type = 01, 04 or 08.. 2) A detail number was supplied when the action type on the G record = 06. This action type indicates that they are trying to withdraw the specified program code. In this case, since all details for that program code should be withdrawn, detail number is not required. 3) The detail number on the H record is not valid. For

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
						list of valid values, refer to EDS states manual.
4. Detail Status	Used to identify the status of the detail line.					
5. Fund Source	Indicates the source of funding for a given Program Code.					
6. Recode	Used for reporting purposes to group like Program codes together. System-generated, protected field.					
7. Type of Improvement	Field that indicates the nature of work involved.					
		FPR-00315				FPR 315: Valid Improvement types for NBI are 10, 11, 13, 14, 40, 47, 48. Your entry is no longer valid.
		FPR-00162				The improvement type sent is not a valid improvement type. Note: When entering a single-digit improvement type like 7, positions (25-26) should contain (0-7) and not (space-7). For a two digit improvement type like 10, positions (25-26) should contain (1-0)
		FPR-00304				The improvement type on the G record is not valid for Bridge program codes. Valid Improvement Types for Bridge Program Codes are 03,04,10,11,13-17,20,21,40,42,43,45,47,48,49. (Equivalent to FPR-00302 in UPACS)
		FPR-00300				For admin-only program codes, the valid values for improvement type are <ul style="list-style-type: none"> - Null - 27 An invalid improvement type was supplied in this case.
		FPR-00301				For FMIS-Enhance program codes, the valid values for improvement type are <ul style="list-style-type: none"> - Null - 15, 17, 45 - Between 28 & 41

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
						An invalid improvement type was supplied in this case.
		FPR-00380 FPR-00381				An invalid improvement type was supplied for construction. The error message clearly indicates the list of valid values in this case. FPR 380: When Type of Work is Construction, Improvement Type must be 1-14, 17, 20-26, 28-44, 47-56. (This is equivalent to FPR-00215 in UPACS) FPR 381: Type of Work must be Construction when Improvement Type is 1-14, 17.
		FPR-00208				Improvement types 02, 09, 12, and 99 are no longer valid.
		FPR-00317				FPR 317: Obsolete Improvement Type. Valid Imp Type required for all NBI # sent, and NBI # with Prog Code where Proj Dtl was sent. On the NBI record, there are certain valid improvement types. For all the detail lines sent in the current transmission, improvement type on the NBI records are validated. An NBI record with an invalid improvement type was found for one of the program codes.
		FPR-00511				FPR 511: If Improvement Type is 51,52,53,54, a tunnel # is required. An L record for tunnel # has to be supplied for this detail.
		FPR-00516				A Tunnel # is allowed only when Improvement Type is 51,52,53,54.
8. County	Identifies County in which project is located. There will be a state-wide indicator on the Detail screen, when selected automatically put 999 in the county code.					
		FPR-00162				The county code supplied is not valid for the state that the project belongs to.

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
						Note: A three-digit county code is expected. If county code is less than three digits, then it should be left padded with zero. For example for county code 57, value in positions 27-29 should contain 057.
9. Urban Area Code	Identifies the Urban or urbanized Area in which the project is located.	FPR-00162				This can occur in one of the following cases: 1) Urbanized area was blank or statewide for Urban-Required or Urban-attributable program code. 2) Urbanized area listed on the G record is not a valid urbanized area for the state that the project belongs to.
		FPR-00062				The following rules might be violated when this error occurs - Urbanized area of SWP or SUA is not allowed when Program code is Urban-Attributable. - More than one detail exist for the same program code with the same urbanized area on the project when the MANY_URB_AREAS_ALWD_FOR_PROJ = N for this program code.
		FPR-00067				Urbanized area mentioned on the G record has been deleted for the state that the project belongs to. Hence its no longer valid.
		FPR-00204				Urbanized area cannot be null when the program code is Urban required or Urban attributable.
9a. Urban Area Size	Identifies the Urban area size for the urbanized area entered.					
10. Withdrawal Area	Identifies the withdrawal area codes for projects using Interstate Transfer funds.	FPR-00162				Withdrawal area mentioned on the G record is not valid for the state that the project belongs to.
		FPR-00328				Withdrawal area cannot be blank when the program code is withdrawal-attributable.
		FPR-00205				Withdrawal area cannot be null for a withdrawal-attributable program code.
11. Rural/Urban	Used to indicate whether a project is located in an					

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
	urban or rural area. If located in an urban area the 2nd digit identifies the population of the area.					
		FPR-00162				The value supplied is not a valid value. For a list of valid values, please refer to EDS states manual.
		FPR-00090				Rural urban is required county other than statewide is selected for program codes that are not urban-required and not urban-attributable.
		FPR-00307				Rural-Urban should be U when urbanized area is supplied.
		FPR-00088				Rural cannot be R for Washington DC projects.
12. Functional System	Field that groups streets and highways into classes, or systems, according to the character of service they provide.	FPR-00162				The functional system provided on the G record is not a valid functional system. For a list of valid values, please refer to EDS states manual.
12.b Percent Fed Share		FPR-00016				Percent Federal share cannot be greater than 100%.
13. Federal-Aid System	Identifies the Federal-Aid Highway System on which a project is located.	FPR-00162				The value provided on the G record is not a valid Federal aid system. For a list of valid values, please refer to EDS states manual.
		FPR-00063				Functional system should be "Freeways & Expressway" or "Other Principal Arterial" when Federal aid = Interstate.
		FPR-00064				Functional system should not be "Freeways & Expressway" or "Other Principal Arterial" when federal aid system is "Not on any Federal-Aid System".
14. Toll Facility	Indicates Toll Facilities financed with Federal Funds.	FPR-00162				The value provided on the G record is not a valid value. For a list of valid values, please refer to EDS states manual.
15. Safety 100%	Indicates funds used for 100% Safety.	FPR-00162				The value provided on the G record is not a valid value. For a list of valid values, please refer to EDS states manual.
		FPR-00120				If a project's safety indicator is 'Y' and its PC has 'N' for SAFETY_100_PCT in the program code table, then error message FPR 120: "100% safety limitation is not valid for this Program Code."

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
16. Temporary Match	Indicates funds waived of the State matching share requirement.	FPR-00162				The value provided on the G record is not a valid value. For a list of valid values, please refer to EDS states manual.
17. Soft Match	A match other than the traditional match (state/local funds at the prescribed rate (80/20, 90/10, etc.). It includes toll credits, private donations (funds, services, materials, land) and traditional match that is allowed to vary over time as long as the final match is at the prescribed rate (otherwise known as tapering).					
18. Indian Reservation	Identifies whether the project is on an Indian Reservation.	FPR-00162				The value provided on the G record is not a valid value. For a list of valid values, please refer to EDS states manual.
18a. Type of Work	Identifies whether the type of work is construction related or not.	FPR-000162				The value provided on the G record is not a valid value. For a list of valid values, please refer to EDS states manual.
18b. FHWA Area	Federal Highway Area					
18.c FTA		FPR-00162				The value provided on the G record is not a valid value. For a list of valid values, please refer to EDS states manual.
19. Federal Funds	Federal Obligations for this segment of the project.	FPR-00334				An attempt was made to enter federal funds for a program code that does not have a fund source. Obligations not allowed in this case.
		FPR-00162				The amount on G record for Federal funds is less than 0. Should be >= 0.
		FPR-*****				Over-limitation and/or over-obligation has occurred for the program code indicated in the error message.
						The cause of over-obligation may be file sent with detail number which does not exist on project.

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
20. Percent Federal Share	Percentage of Federal Funds versus Total Cost of this segment of the project.					
21. State Funds	Total of State Funds used to finance this segment of the project.	FPR-000162				Funds cannot be < 0.
22. Local Funds	Total of local funds used to finance this segment of the project.	FPR-000162				Funds cannot be < 0.
23. Private Matching Funds	Private donations/contributions towards this segment of the project.	FPR-000162				Funds cannot be < 0.
24a. Other funds amt	Other funds towards this segment of the project	FPR-000162				Funds cannot be < 0.
24b. Advanced construction amount	adv const funds toward this segment of the project	FPR-000162				Funds cannot be < 0.
24c. Advanced construction Converted Amount		FPR-000162				Funds cannot be < 0.
24. Value of Non-Monetary Donations	Total value of all non-monetary contributions towards this segment of the project (i.e., land, equipment, etc.).	FPR-000162				Funds cannot be < 0.
25. Total Cost	Total of all funds used to finance this segment of the project.	FPR-000162				Funds cannot be < 0.
25a. Soft Match amt	Soft match amt.					
26. Last Action Date	Date of last activity on a given detail line.					

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
27. Detail State Defined 1	Data Element Name must be set-up by the State DOT and this field will be on every Detail record. Once the data element name is set up, it cannot be changed by A field that is for the sole use of the State DOT. the State DOT.					
28. Detail State Defined 2	A field that is for the sole use of the State DOT. The Data Element Name must be set-up by the State DOT and this field will be on every Detail record. Once the data element name is set up, it cannot be changed by the State DOT.					
29. Detail State Defined 3	A field that is for the sole use of the State DOT. The Data Element Name must be set-up by the State DOT and this field will be on every Detail record. Once the data element name is set-up it cannot be changed by the State DOT.					
30. Detail State Defined 4	A field that is for the sole use of the State DOT. The Data Element Name must be set-up by the State DOT and this field will be on every Detail record. Once the data					

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
	element name is set-up it cannot be changed by the State DOT.					
31. Detail State Defined 5	A field that is for the sole use of the State DOT. The Data Element Name must be set-up by the State DOT and this field will be on every Detail record. Once the data element name is set-up it can not be changed by the State DOT.					
32. Detail State Defined 6	A field that is for the sole use of the State DOT. The Data Element Name must be set-up by the State DOT and this field will be on every Detail record. Once the data element name is set-up it cannot be changed by the State DOT.					
33. Detail Divisions Defined 1	A field that is for the sole use of the Division. The Data Element Name must be set-up by the Division and this field will be on every Detail record. Once the data element name is set-up it cannot be changed by the Division.					
34. Detail Division Defined 2	A field that is for the sole use of the division. The Data Element Name must be set-up by the Division and this field will be on					

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
	every Detail record. Once the data element name is set-up it cannot be changed by the Division.					
35. Detail Division Defined 1	A field that is for the sole use of the division. The Data Element Name must be set-up by the Division and this field will be on every Detail record. Once the data element name is set-up it can not be changed by the Division.					
36. Detail Division Defined 4	A field that is for the sole use of the division. The Data Element Name must be set-up by the Division and this field will be on every Detail record. Once the data element name is set-up it can not be changed by the Division.					
1. Congressional District	Identifies the Congressional district in which the project is located.	FPR-00162				The congressional district transmitted on the H record is not a valid district for the state that the project belongs to.
		FPR-00308				Duplicate congressional districts were sent in the same transmission for a project on the H record.
2. District Percent	Percent Funds per district.	FPR-00162				District percent should be ≥ 0 when action type on the H record = 01 (Add / Modify). A value < 0 was indicated on the record.
		FPR-00157				District percent should be a numeric value. A non-numeric value was sent in the transmission when a number was expected.
37. Fiscal year		FPR-00150				Fiscal year should begin with 19 or 20. An invalid value was

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
						sent in one of the records in the transmission with an Invalid date value. The error message will clearly indicate which date is erroneous.
38. Project Number		FPR-00147				The project number and Program Code on the A record do not clearly indicate which project to update. This can occur in one of the following cases: 1) A record does not have a valid program code. 2) None of the program codes on the A record are present on the existing version of the project. Note that this error does not occur for a brand new project.
		FPR-00030				Project Number should contain 7 characters.
		FPR-00031				Last 3 characters of Project # must be numeric.
		FPR-00032				The letter "O" is not allowed for Project #.
39. State		FPR-00148				The state indicated is not a valid state in FMIS.
40. Action Type		FPR-00149				Applies to B (Project Header) record. The action type on this record is not valid. Valid values are listed in the EDS states manual.
		FPR-00158				Applies to E (Related Projects) record. The action type on this record is not valid. Valid values are listed in the EDS states manual.
		FPR-00172				Applies to D (State Remarks) record. The action type on this record is not valid. Valid values are listed in the EDS states manual.
		FPR-00167				Applies to F (NBI structure Number) record. The action type on this record is not valid. Valid values are listed in the EDS states manual.
		FPR-00162				Invalid action type was sent on one of the following records. - G (Project Detail) - H (Congressional District) - I (Signature) - J (State defined project data) - K (State defined Project detail data) Valid values are listed in the EDS states manual.
		FPR-00458				Applies to L (Tunnel structure Number) record. Action Type for L record is invalid. The valid value is 01, 08.
		FPR-00512				Applies to L (Tunnel structure Number) record.

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
						A brand new project has nothing to delete.
		FPR-00513				Applies to L (Tunnel structure Number) record. It is not allowed to add the same Tunnel # to the same detail.
		FPR-00514				Applies to L (Tunnel structure Number) record. It is not allowed to delete a non-existent Tunnel #.
41. Standard Place Code		FPR-00034				Positions 14-19 on the B record contain a Standard Place code that is not a valid value in FMIS. For a list of valid values, please refer to EDS States Manual.
42. Soft Match		FPR-00152				Position 34 on the B record contains a Soft Match that is not a valid value in FMIS. For a list of valid values, please refer to EDS States Manual.
43. Project Type		FPR-00153				Position 35 on the B record contains a project type that is not a valid value in FMIS. For a list of valid values, please refer to EDS States Manual.
43a. Emergency Relief Eligible		FPR-00517				Position 237 of B record is not valid. Emergency Relief Eligible cannot be Y based on Program Code.
		FPR-00519				Position 237 of B record is not valid. Emergency Relief Eligible must be Y based on Program Code.
		FPR-00522				Position 237 of B record is not valid. Emergency Relief Prog Code and Demo Prog Code should not mix in a project.
		FPR-00523				Position 237 of B record is not valid. Emergency Relief Eligible/Code cannot be changed based on the existing project.
		FPR-00524				Position 237 of B record is not valid. Cannot use * to erase the Emergency Relief Eligible/Code.
		FPR-00525				Position 237 of B record is not valid. Invalid value of Emergency Relief Eligible in B Record.
43b. Emergency Relief Code		FPR-00518				The value at positions 238-245 of B record is not correct. When Emergency Relief Eligibility is Y, Emergency Relief Code has to be supplied.
		FPR-00520				The value at positions 238-245 of B record is not correct. When Emergency Relief Eligibility is N, no Emergency Relief

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
						Code is allowed.
		FPR-00521				The value at positions 238-245 of B record is not correct. Invalid value of Emergency Relief Code. No bucket is found in Fund_Sumry.
		FPR-00526				The value at positions 238-245 of B record is not correct. The first 2 characters of Emergency Relief Code have to be State Postal Abbreviated.
44. Project Oversight		FPR-00154				Position 62 on the B record contains a project type that is not a valid value in FMIS. For a list of valid values, please refer to EDS States Manual.
		FPR-00506				Project Oversight is required for a project.
45. Environment Clearance		FPR-00155				Positions 71-72 on the B record contain an Environmental Clearance that is not a valid value in FMIS. For a list of valid values, please refer to EDS States Manual.
46. Demonstration Project ID		FPR-00033				Positions 81-85 on the B record contain a Demo ID. A valid Demo Project does not exist in FMIS system for the Demo ID & Project Number.
		FPR-00156				Demo ID cannot be updated when the Pending Project has State Signatures on it.
		FPR-00393				The Demo_id cannot be updated after the final division signature has been applied to a project.
		FPR-00497				Demo ID cannot be supplied on both the header (B) and detail (G) records for the same project
		FPR-00498				Inconsistent data found for demo ID on B & G records. B record contains a Demo ID, and G record is requesting a null value by supplying an asterisk at position 190-194.
		FPR-00499				Inconsistent data found for demo ID on B & G records. G record contains a Demo ID, and B record is requesting a null value by supplying an asterisk at position 81-85.
		FAD-00101				Demo ID is required for demo program codes.
47. Related Project		FPR-00043				The related project indicated in the error message is invalid.
		FPR-00042				An attempt was made to relate a project to it-self. This is not allowed in FMIS.
48. Project		FPR-00159				The relationship indicated for the related project is not valid.

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
Relationship						For a list of valid values, please refer to EDS states Manual.
49. NBI Structure Number		FPR-00260				NBI # indicated in the error message is not a valid Bridge in FMIS. This number is validated against the Bridge system for the corresponding state.
50. NBI program Code		FPR-00198				NBI program code must correspond to at least one normal detail line on the project. This occurs in one of the following cases 1) A Normal detail that contains a Bridge program code was withdrawn or deleted but the corresponding NBI record was not deleted before applying signatures for the project.
51. Duns Number		FPR-00162				This error indicates that the duns' number is not valid. 1- Valid Duns Number must be 9 characters 2- All digits in the duns number should be numeric.
		FPR-00411				This error happens when a project is transmitted with a DUNS number different from the one that is existing on the current version of the project.
52. CMGC		FPR-00162				This error indicates that the value is not valid. The valid values are Y, N, or null.
53. OTHER_SEP14		FPR-00162				This error indicates that the value is not valid. The valid values are Y, N, or null.
54. Ownership		FPR-00515				Ownership is required if recode 963 or 964, safety Y, or safety improvement type.
Other	Project Summary	FPR-00309				An attempt was made to change Project Header information after Signature process has been initiated. No changes are allowed in this case.
		FPR-00191				An attempt was made to close a project that cannot be closed. A project can be closed only when its status is NOT one of the following. - Pending - Pending Closed - Withdrawn - Pending Withdrawn
		FPR-00192				An attempt was made to withdraw a project that cannot be withdrawn. A project can be withdrawn only when its status is NOT one of the following. - Pending

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
						<ul style="list-style-type: none"> - Pending Closed - Withdrawn Pending Withdrawn
		FPR-00193				An attempt was made to Re-open a project that has not been closed yet.
		FPR-00151				An attempt was made to change one of the following fields after signature process has been initiated. This change is not allowed. <ul style="list-style-type: none"> - STIP Reference - Project Description - Delete existing NBI records
		FPR-00187				A non-date value was found in a field where a valid date in MM/DD/YYYY format was expected. The error text contains the field that is erroneous.
		FPR-00157				A non-numeric value was found in a field where a valid number was expected. The error text contains the field that is erroneous.
		FPR-00173				Duplicate state project numbers records are transmitted for this project on the D record.
		FPR-00160				Duplicate Related projects information is transmitted for this project on the E record.
		FPR-00331				Improvement type & NBI number were provided on the F record when intending to delete all NBI records for a specific program code. In other words, cannot send improvement type & NBI structure Number when action type on F record = 09.
		FPR-00332				Program code was not provided when action type on F record = 09 in positions 14-17. The program code for which all the NBI numbers are to be deleted should be included.
		FPR-00199				This error is displayed when one (or more) of the following required values are omitted while transmitting NBI data in F record when action type is not 09. <ul style="list-style-type: none"> - Program Code - Improvement Type - NBI structure Number
		FPR-00161				This error occurs when the state and Project Number indicated in the A record does match the state & project

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
						number sent in any other record following the A record.
		FPR-00163				This transmission contained two G records with the same Program code & Detail number on both.
	Action typ/prog code/dtl#	FPR-00162				This can occur in one of the following cases: 1) A request was made to withdraw all details for Program code indicated in the G record. However, there are no normal details for this program code for the project specified. 2) A request was made to delete a detail line or Re-establish a detail line that does not already exist on the project.
		FPR-00236				An attempt was made to update a detail line (by sending in a action type of 01 on the G record) on the project that has already been withdrawn or deleted.
		FPR-00164				An attempt was made to Withdraw, Delete or Re-establish a detail on a pending project with at-least one state signature present.
		FPR-00165				An attempt was made to change the following field(s) when at-least one state signature is present on the pending version of the project. <ul style="list-style-type: none"> - Urbanized area - Withdrawal area - Safety - Federal funds - State Funds - Private funds - Non-Monetary funds - Local Funds - Advanced Construction funds - Total Cost - Other funds
		FPR-00151				An attempt was made to change the following field(s) after the first division signature has been applied to the pending version of the project. <ul style="list-style-type: none"> - Improvement type - Functional System - Federal Aid system

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
						<ul style="list-style-type: none"> - County Code - Temp Match - FTA - Percent Fed Share - Type of Work
		FPR-00166				An attempt was made to add a new detail to a pending project with at-least one signature present.
		FPR-00169				This error occurs when the program code & Detail number indicated on the H record does not exist on the Project. The details with which the congressional districts are associated must either exist on the project or should be included in the current transmission.
		FPR-00335				Congressional district data 1 (position 20-24) on the H record was either blank or incomplete. Data needs to be sent starting from position 20 and for subsequent data information, use the record positions from left to right.
		FPR-00311				Action type 08 (delete) was sent on the H record for a congressional district that does not already exist on the project. Cannot delete districts that are not already present on the project.
		FPR-00288				An attempt was made to sign state signatures through EDS for a state that is not authorized to do electronic signatures. Signatures cannot be applied for such states through EDS.
		FPR-00289				State signatures were sent for an Electronic Signature state for a project that is marked as "State signatures Not Required". Cannot apply state signatures in this case.
		FPR-00182				An attempt was made to apply / Remove state signatures for a project on which the Division has already initiated Division signatures. This is not allowed.
		FPR-00183				<p>State signatures should be applied in the following order (Lowest to Highest authority)</p> <ul style="list-style-type: none"> - State Certified - State Recommended - State Approved <p>An attempt was made to apply signatures in the wrong order i.e a higher order signature was sent before the lower order signature was applied.</p>

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
		FPR-00330				<p>State signatures should be un-signed starting from the Highest authority and proceeding to lowest authority as listed below.</p> <ul style="list-style-type: none"> - State Approved - State Recommended - State Certified <p>An attempt was made to remove lower order signatures when higher order signature was present.</p>
		FPR-00309				<p>An attempt was made to change State defined Project data or State Defined project detail data after the Division has initiated the signature process.</p>
		FPR-00170				<p>This error occurs when State defined Project data was supplied for one of the following data fields on the J record when the corresponding Title has not been defined.</p> <ul style="list-style-type: none"> - State Defined Project data field 1 - State Defined Project data field 2 - State Defined Project data field 3 - State Defined Project data field 4 - State Defined Project data field 5 - State Defined Project data field 6 <p>This might also occur when State defined Detail data was supplied for one of the following data fields on the K record when the corresponding title has not been defined.</p> <ul style="list-style-type: none"> - State defined detail data field1 - State defined detail data field2 - State defined detail data field3 - State defined detail data field4 - State defined detail data field5 - State defined detail data field6
		FPR-00178				<p>A project detail should exist before state defined detail data can be added in the system. An attempt was made to supply detail data information for a detail that does not exist on the project.</p>
		FPR-00329				<p>An attempt was made to sign state signatures for a pending project that does not have any detail lines. A project needs to have at-least one detail line before signatures can be applied.</p>

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
		FPR-00290				Every bridge program code should have at-least one entry in NBI table. This error occurs when there are details for a Bridge program code in the project but no NBI records for the same program code.
		FPR-00291				Each distinct non-bridge program code, with bridge-improvement-type must have at least one NBI entry which matches that program code. This error occurs when there are details for a Non-Bridge program code with Bridge improvement type in the project but no NBI records for the same program code.
		FPR-00292				Every NBI program code for the project should exist on a Normal detail line. This error occurs when a NBI record exists for a Bridge program code for this project but there are no normal detail lines on the project for the same bridge program code.
		FPR-00293				Every NBI program code for the project should exist on a Normal detail line. This error occurs when a NBI record exists for a Non-Bridge program code with Bridge Improvement type for this project but there are no normal detail lines on the project for the same non-bridge program code with a bridge improvement type.
		FPR-00126				An attempt was made to create a new detail for a program code that exists on a different project with the same state and project number but a different suffix. This is not allowed in FMIS. When more than on project exist in FMIS for the same state & project number but different suffixes, the program codes on each of the projects should be mutually exclusive.
		FPR-00229				OMC attribute must be same across all detail lines of the project. At-least one detail was found that was in-consistent with this rule.
		FPR-00232				Advanced construction funds were supplied for a program code with ADV_CONST_ALWD = N for this program code.
		FPR-00202				Total cost on the detail should be equal to the sum of the following fields on the detail. <ul style="list-style-type: none"> - Federal Funds - State funds

Data Element	Data Definition	Error Code EDS	Error Code On Line	Edit#	Type	Edit Instructions
						<ul style="list-style-type: none"> - Non-monetary funds - Local funds - Advanced construction - Private funds - Other funds
		FPR-00001				The sum of all congressional districts for a detail should add up to 100%.
		FPR-00341				An attempt was made to re-establish a withdrawn detail line. But the congressional districts associated with this detail are no longer valid in FMIS.
		FPR-00073				An attempt was made to create a new detail line with all the money amounts on the detail including converted funds set to zero. This is not allowed in FMIS.
		FPR-00323				A file was sent which contained a record with length less than 256 chars. Each record should be space filled up to 256 characters.
		FAD-00411				The first two characters of the file name do not represent a valid state FIPS and hence cannot determine which state the file belongs to.
		FAD-00412				FMIS is locked for maintenance and hence cannot accept obligations at the present time.
		FPR-00369				A valid urbanized area is required for this program code
		FPR-392				An attempt was made to increase Obligations for an Obsolete Program Code beyond existing active version of the project. This is not allowed. Decrease obligations so that they do not exceed as of the current version of the project for this obsolete program code.
		FPR-492				Accounting extract of this project is pending. Daily processing occurs twice daily.