

Standard Directory Structure For Standard Surveys

The following directory structure shall be submitted on a CD-ROM for each contracted survey.

The volume label for the CD-ROM submitted to the Memphis District shall be the first 4 letters of the contractor name, the 2 digit contract year, the 3 digit task order, and a two digit designation for the submittal number. **Example:** Green Surveying, Contract Number DACW66-99-D-0012, Task Order 43, submittal no. 2 would be gree9904302

A-E_Data

- Administrative
- Processed_Data
- Design_Files
- Geomedia
- Inroads
- Multimedia
- Photos
- FieldBooks
- Raster_Images
- Raw_GPS
- Raw_Data

Archive Computer Directory Structure

Listed below is the directory structure as it will be created when a project is created on the archive computer. When the A-E_Data CD is received by the user the A-E_Data directory structure below will be replaced by the data structure contained on the CD.

- Administrative
- Attachments
- Miscellaneous
- Special_Programs
- A-E_Data
 - Administrative
 - Processed_Data
 - Design_Files
 - Geomedia
 - Inroads
 - Multimedia
 - Photos
 - FieldBooks
 - Raster_Images
 - Raw_GPS
 - Raw_Data

Standard Directory Structure For Inspection & Evaluation Surveys

The following directory structure shall be appended to the CD-ROM for each year a structure is surveyed. The directories shall be added as subdirectories for the appropriate site.

FY_*** (Specified by the user)**

- Administration
- Processed_Data
- Design_Files
- Inroads
- Multimedia
- Photos
- FieldBooks
- Raster_Images
- Raw_GPS
- Raw_Data

Note: FY**_*** as denoted above shall be the Fiscal Year surveyed followed by the A-E Name. Example:
FY99_EMCC

Standard File Naming Convention

The following files are files typically required by the Memphis District. All prefixes listed shall be preceded by the first 4 letters of the contractor name, the 2 digit contract year, the 3 digit task order number, and the prefix listed. Example: Green Surveying, Contract Number DACW66-99-D-0012, Task Order 43 would be gree99043**XXX.EXT where XXX is the prefix below and EXT is the file extension. Multiple files of the same type would require a sequential series of numbers where the ** is shown.

File Type	Prefix	Extension	Format	Directory
Scope of Work	SCO	pdf / doc	Binary	Administrative
Enclosure	ENC	***	Binary	Administrative
Government Estimate	GOV	pdf	Binary	Administrative
Contract Proposal	PRO	pdf	Binary	Administrative
Negotiated Numbers	NEG	pdf	Binary	Administrative
RAW GPS ***	***	***	Binary/ASCII	Raw_GPS
Data Collector Files	DCF	***	Binary/ASCII	Processed_Data
XYZ Data	ASC	XYZ	ASCII	Processed_Data
Microstation Plan View	PLN	DGN	Binary	Design_Files
Microstation Cross Section	CXS	DGN	Binary	Design_Files
Inroads Alignment	INR	ALG	Binary	Inroads
Inroads Digital Terrain Mod	INR	DTM	Binary	Inroads
Notice to Proceed	NTP	pdf	Binary	Administrative
Survey Report	SER	pdf / doc	Binary	Administrative
Field Books	SFB	pdf	Binary	FieldBooks
Hydrographic Reports	HYD	pdf	Binary	Processed_Data
SEMMS Database File	SMT	mdb	Binary	Processed_Data
SEMMS Printout	SMT	pdf	Binary	Processed_Data
Monument Documentation	MON	pdf	Binary	Processed_Data
NGS Recovery Forms	NGS	pdf	Binary	Processed_Data
I & E Plates	PLA	dgn/pdf	Binary	Processed_Data
Photographs	PHO	pdf/jpg	Binary	Photos
Microstation Cover Sheet	CVR	DGN	Binary	Design_Files
HEC-2 Files	HEC	txt	ASCII	Processed_Data
Level Abstracts	ABS	pdf / xls	Binary	Processed Data
Traverse Data	TRV	pdf	Binary	Processed Data
Project Location Map	LOC	pdf	Binary	Administrative
Supplied Control	SUP	pdf	Binary	Administrative

*** File extension and or prefix is software dependent.

Note: Any files types not identified above shall be coordinated with the Point of Contact.

XYZ File Format

When XYZ files are to be provided as a part of a submittal, they shall be in the following ASCII format:

Line 1:

Contractor, Task Order No., Contract Number, Date of Survey, Short Project Descr.

Line 2:

Horizontal Datum, Vertical Datum, Coordinate System

Subsequent Lines:

Point number, X (Easting), Y (Northing), Z (Elevation), Point Code, Point description

Table 3-1

Survey/Mapping Level Assignments
and Level Symbology

<u>Level</u>	<u>Description</u>	<u>Line Code</u>	<u>Line Weight</u>	<u>Color</u>
				4
1	Sheet Dependent Info.	0	0	2
2	Coordinate GridText	0	0	2
3	Coordinate Grid Annotation	0	2	4
4	Buildings	0	0	4
5	Building Annotation	0	0	4
6	Road Centerline	0	0	4
7	Rd., RR and Centerline Anno.	0	1	4
8	Rds., Parking, Wlks., RR, Trls.	0	0	4
9	Concrete Joint Layout	0	0	4
10	Concrete Joint Elevations	0	1	5
11	Runway, Taxiway and Aprons	0	0	5
12	Runway Annotation	0	0	5
13	Pavement Markings, Signs	0	1	6
14	Structures, Headwalls	0	0	6
15	Structure Annotation	0	1	4
16	Culverts	0	0	4
17	Culvert Annotation	0	1	2
18	Riprap - ELEV. \pm 59	0	1	1
19	Water Features	0	0	1
20	Water Features Annotation	0	0	2
21	Vegetation	0	0	2
22	Vegetation Annotation	0	0	1
23	Fences	0	0	1
24	Fence Annotation	0	2	6
25	Boundary Lines/Cadastral	0	0	6
26	Boundary Lines/Cad. Annotation	0	0	5
27	Survey Ctrl. Pts, Baselines	0	0	5
28	Survey Ctrl Point Anno	0	0	4
29	Break Lines	0	0	4
30	Spot Elevations	0	2	6
31	Major Contours	0	0	6
32	Contour Annotation	0	0	3
33	Minor Contours	0	0	

*Obscured Areas, Unknowns, and Dirt Roads will be dashed (LC=3, long dashed)

Table 3-1 (continued)

Survey/Mapping Level Assignments
and Level Symbology

<u>Level</u>	<u>Description</u>	<u>Line Code</u>	<u>Line Weight</u>	<u>Color</u>
34	Bore Holes and Text	0	0	6
35	Storm Sewer, manholes	0	0	2
36	Storm Sewer, Lines & Annotation	0	0	2
37	Sanitary Manholes	0	0	4
38	Sanitary Lines & Annotation	0	0	4
39	Water Tanks & Fire Hydrants	0	0	1
40	Water Line & Annotation	0	0	1
41	Gas Line, Features & Valves	0	0	3
42	Gas Lines & Annotation	0	0	3
43	Power Lines, Lts. & Tele. Poles	0	0	5
44	Power Lines & Annotation	0	0	5
45	Steam Ln., Features & Valves	0	0	6
46	Steam Lines & Annotation	0	0	6
47	Cross Sections & Profiles	0	0	4
48	Details, Inserts	0	0	0
49	Soundings	0	0	1
50	Channel Ln., Disp. Areas	0	1	4
51	Channel Line Annotation	0	0	4
52	Navigation Aids and Annot.	0	1	6
53	Levees, Dikes and Annot.	0	1	4
54	Pipe Lines, Structures, Br.	0	1	6
55	Pipe Line Annotation	0	0	6
56	Stationing and Mile Markers	0	1	5
57	Revetments & Annotation	0	0	2
58	Vessel Track Line			
59	Unassigned			
60	Unassigned			
61	Unassigned			
62	Unassigned			
63	Documentation			

*Obscured Areas, Unknowns, and Dirt Roads will be dashed (LC=3, long dashed)