

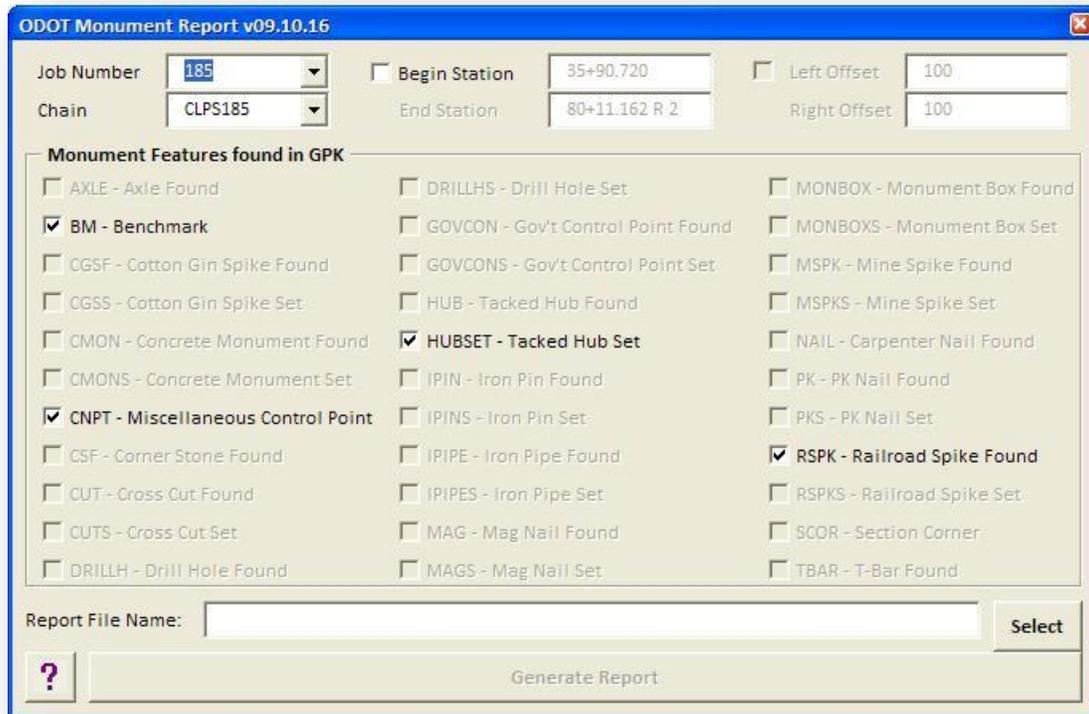
Application Name:	ODOT_MonumentReport.mvba
Current version:	V11.04.15
Required MicroStation Version:	MicroStation XM or V8i
Required GEOPAK Version:	GEOPAK XM or V8i

This application is used to generate a monument report for electronic submission. Use of this application is documented in the ODOT CADD Engineering Standards manual, Section 504.6.

The application can be accessed by selecting **ODOT > GEOPAK Apps > ODOT Monument Report** from the MicroStation pull down menu, or by the following key-in command:

```
vba load ODOT_MonumentReport.mvba;vba run ODOTMonuments
```

GEOPAK must be active with the Working Directory set to specify the location of the .gpk file. The dialog shown below will appear.



The ODOT Monument Report has the following options:

Job number

Select the **Job Number** for the GEOPAK COGO Database that contains the monument points.

Chain

Select the GEOPAK COGO **Chain** that will be used to generate the Station and Offset references contained in the completed monument report.

Begin Station/End Station

With the station range option toggled off, all monument points found in the selected **Job Number** will be included in the monument report. If a given monument point falls outside the limits of the selected **Chain**, the report will show values of “NA” for the Chain, Station, and Offset.

With the station range option toggled on, only monument points that are found within the specified station limits will be included in the report file.

Left Offset/Right Offset

The **Left/Right Offset** values are only available if the station range option is toggled on.

With the **Left/Right Offset** values toggled on, only monument points that fall within the specified station limits and the offset limits will be included in the monument report.

With the **Left/Right Offset** values toggled off, all monument points within the specified station limits will be included in the monument report regardless of how far they are offset from the selected **Chain**.

Monument Features Found in GPK

Only the monument types found in the currently selected **Job Number** are available for export to the report file. Toggle on/off the monument types that you wish to export to the report file.

Report File Name

Key-in the full path and the name for the report file to be generated. The **Select** button may also be used to select the path and key in the name for the report file to be generated.

Generate Report

Select this button to initiate report generation. The report is an ASCII text file in csv (comma separated values) format. A sample report, opened with Microsoft Excel, is shown below. The first line of the report file designates the content of each column in the report file.

	A	B	C	D	E	F	G	H
1	Point Number	Feature Code	Northing	Easting	Elevation	Chain	Station	Offset
2	MN900	RSPK	722830.454	1360602.511	1011.790	CLPS185	42+42.235 R 1	0.794
3	MN901	RSPK	721922.611	1360591.758	996.390	CLPS185	51+50.129 R 1	-4.010
4	MN903	RSPK	719790.857	1361650.303	963.230	CLPS185	79+19.204 R 2	-0.581
5	MN904	CNPT	723150.028	1360585.364	1003.680	CLPS185	39+22.916 R 1	22.169
6	MN905	CNPT	722637.866	1360580.137	1008.670	CLPS185	44+35.102 R 1	20.617
7	MN906	CNPT	721912.595	1360571.791	995.100	CLPS185	51+60.509 R 1	15.770
8	MN907	CNPT	721130.043	1360588.971	982.060	CLPS185	59+42.615 R 1	-15.751
9	MN908	CNPT	720502.978	1360625.496	983.540	CLPS185	65+67.063 R 1	37.490
10	MN909	CNPT	720015.113	1361160.540	964.160	CLPS185	72+88.137 R 1	15.611

Contacts

If you have any questions, suggestions, or problems please contact the ODOT Office of CADD and Mapping Services CADD Support team or use the following form on the ODOT web site at:

<http://www.dot.state.oh.us/Divisions/Engineering/CADDMapping/CADD/Pages/suggestions.aspx>