

NEPA COMPLIANCE RECORD
CATEGORICAL EXCLUSION (CX)
United States Department of the Interior
Bureau of Land Management
Tucson Field Office

AZ-420-2005-022

Serial/Case File No.: N/A

Proposed Action Title/Type: PUBLIC LAND SIGNING, IRONWOOD FOREST NATIONAL MONUMENT

Location of Proposed Action (include name of 7.5 topographic map): Various locations in the Ironwood Forest National Monument. Public land boundary and Monument Entrance signs are shown on Map 1. Additional signs at other locations within the project area may be installed if necessary due site conditions or other factors. The exact location of some signs will be determined by site conditions, and staked or flagged where necessary.

1. **Description of Proposed Action:** Install and maintain standard signs marking the boundary of federal lands in the Monument, and the entrances to the Monument. Boundaries would be signed at road or trail crossings, or along the boundary line. Signs may include: a) fiberglass posts with decals, b) metal channel posts with sheet metal, wood or plastic signs, c) wood posts with sheet metal, wood or plastic signs, or signs installed on fencelines. The signs are intended to identify the boundary of federal lands within the Monument, or for regulatory and informational purposes. The Monument entrance signs will be located along the main local access routes. Signing installation and maintenance will be implemented over the next 5 years, with priority given to areas where public use is causing or is likely to cause conflicts with other uses, resource damage, or other problems. Signs will be installed and maintained in accordance with Bureau Manual 9130-Sign Manual. Signs will be placed on federal land administered by the BLM. A cultural survey will be completed before installation for signs which require excavation, or the installation will be monitored by a qualified cultural resources specialist to check for surface or hidden cultural resource values. If cultural resource values are uncovered during signing activities, work will stop and the Tucson Field Office cultural resources staff will be notified and appropriate action will be taken. A database will be set up to keep track of signing activities.

Applicant (if any): Bureau of Land Management program activity.

PART I: PLAN CONFORMANCE REVIEW. This proposed action is subject to the following land use plan: Phoenix Resource Management Plan (RMP) of 1989. The proposed action is also subject to current policy for management of National Landscape Conservation System units.

The proposed action has been reviewed and determined to be in conformance with this plan (43 CFR 1610.5, BLM MS 1617.3).

Francisco J. Mendoza
Outdoor Recreation Planner

Date

PROGRAM CONSULTATION & COORDINATION/CX CHECKLIST
 BUREAU OF LAND MANAGEMENT
 TUCSON FIELD OFFICE

PART II: CATEGORICAL EXCLUSION REVIEW

Turbo NEPA #: AZ-420-2005-002

ASSIGNMENT AND REVIEW

Subactivity: 1220

Case/Project No.: _____

Project Name: PUBLIC LAND SIGNING, IRONWOOD FOREST NATIONAL MONUMENT

Location (legal description): VARIOUS LOCATIONS WITHIN THE MONUMENT

NLCS Unit: IRONWOOD FOREST NATIONAL MONUMENT

Quad Name: VARIOUS

Project Lead: F.J. MENDOZA

Draft Review: Unit Manager/Supervisor: _____ Date: _____

Technical Review:

Exception	NAME	EXCEPTION	SIGNATURE	DATE
Applies? Yes No				
() ()	Bill Auby	(1) Have Significant adverse effects on public health or safety?		
() ()	Francisco Mendoza	(2) Have adverse effects on such unique geographic characteristics as historic or cultural resources, parks, recreation or refuge lands, wilderness areas, wild or scenic rivers, sole or principal drinking water aquifers, prime farmlands, wetlands, floodplains or ecologically significant or critical areas including those listed on the Department's National Register of Natural Landmarks.		
() ()	Jack Whetstone	(3) Have highly controversial environmental effects.		
() ()	Bill Auby	(4) Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks.		
() ()	Dan Moore	(5) Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects.		
() ()	Francisco Mendoza	(6) Individually Insignificant, but cumulatively significant effects.		
() ()	Max Witkind	(7) Have adverse effects on properties listed or eligible for listing on the National Register of Historic Places.		
() ()	Jack Whetstone	(8) Have adverse effects on species listed on the List of Endangered or Threatened Species, or have adverse effects on designated Critical Habitat for these species.		
() ()	Jack Whetstone	(9) Require compliance with EO 11988, 11990 (Protection of Wetlands) or the Fish and Wildlife Coordination Act.		
() ()	Dan Moore	(10) Threaten to violate a Federal, State, local or tribal law or requirement imposed for the protection of the environment.		

Approval:

Unit Manager/Supervisor: _____ Date: _____

Environmental Coordinator: _____ Date: _____

Field Manager: _____ Date: _____

This proposed action qualifies under the following BLM Categorical Exclusions (516 DM 6, Appendix 5).

G. Transportation Signs:

“(2) Installation of routine signs, markers, culverts, ditches, waterbars, gates, or cattleguards on/or adjacent to existing roads.” and

“(4) Placement of recreational, special designation or information signs, visitor registers, kiosks and portable sanitation devices.”

The proposed action has been reviewed to determine if any of the exceptions described in 516 DM 2, Appendix 2, apply.

The action does not have significant adverse effects on public health and safety nor does the action adversely affect such unique geographic characteristics as historic or cultural resources, parks, recreation, or refuge lands, wilderness areas, wild or scenic rivers, sole or principal drinking water aquifers, prime farmlands, wetlands, floodplains, or ecologically significant or critical areas, including those listed on the Department’s National Register of Natural Landmarks. The action does not have highly controversial environmental effects nor have highly uncertain environmental effects or involve unique or unknown environmental risk nor does it adversely affect a species listed or proposed to be listed on the list of endangered or threatened species. It does not establish a precedent for future action or represent a decision in principle about a future consideration with significant environmental effects or related to other actions with individually insignificant but cumulatively significant environmental effects. The proposed action does not adversely affect properties listed or eligible for listing in the National Register of Historic Places or threaten to violate a Federal, State, local or tribal law or requirements imposed for the protection of the environment or which require compliance with Executive Order 11988 (Floodplain Management), Executive Order 11990 (Protection of Wetlands) or the Fish and Wildlife Coordination Act.

Mitigation Measures/Stipulations:

2. Signs will be placed in accordance with Bureau Manual 9130- Sign Manual.
3. Signs will be placed on federal land administered by the BLM.
4. A cultural survey will be completed before installation for signs which require excavation, or the installation will be monitored by a qualified cultural resources specialist to check for surface or hidden cultural resource values. If cultural resource values are uncovered during signing activities, work will stop and the Tucson Field Office cultural resources staff will be notified and appropriate action will be taken.

Part III: DECISION. I have reviewed this plan conformance and NEPA compliance record and have determined that the proposed action does not conflict with major land-use-plans and will not have any major adverse impacts on other resources. Therefore, it does not represent an exception, and is categorically excluded from further environmental review. It is my decision to implement the project, as described, with the mitigation measures attached.

Authorized Official: _____ Date: _____
Cindy Alvarez,
Acting Field Manager

IRONWOOD FOREST NATIONAL MONUMENT
PUBLIC LAND SIGNING

Table 1. List of portal signs and coordinates.

ID	Type	Comment	X_coord	Y_coord
0	Portal Sign		466160.495	3591459.745
0	Portal Sign		452746.762	3595036.894
0	Portal Sign		467394.108	3572609.83
0	Portal Sign		463891.851	3581487.201
0	Portal Sign		448271.442	3590446.232
0	Portal Sign		465124.182	3582528.161

NOTE: Coordinates are in Meters, UTM, Zone 12, NAD 1927 (CONUS)

IRONWOOD FOREST NATIONAL MONUMENT
PUBLIC LAND SIGNING

Table 2. List of Bulletin Boards/Informational Signs and coordinates.

ID	Type	Comment	X-coord	Y-coord
0	Bulletin Board		458408.737	3580663.69
0	Bulletin Board		460432.5	3580631.31
0	Bulletin Board		473783.347	3567754.785
0	Bulletin Board		471405.198	3569325.008
0	Bulletin Board		467348.335	3572625.399
0	Bulletin Board		433770.84	3612672.338
0	Bulletin Board		434706.179	3612266.442
0	Bulletin Board		429084.055	3603092.027
0	Bulletin Board		430467.565	3603118.715
0	Bulletin Board		448167.933	3591572.982
0	Bulletin Board		447394.089	3588708.864
0	Bulletin Board		465542.215	3575816.617

NOTE: Coordinates are in Meters, UTM, Zone 12, NAD 1927 (CONUS)

IRONWOOD FOREST NATIONAL MONUMENT
PUBLIC LAND SIGNING

Table 3. List of public land boundary crossing signs, and coordinates.

NOTE: Coordinates are in Meters, UTM, Zone 12, NAD 1927 (CONUS)

Id	Type	Comment	X_coord	Y_coord
2	BLM BDY XING		458549.8937	3575855.052
8	BLM BDY XING		459536.5197	3575853.748
11	BLM BDY XING		427354.8831	3615350.709
12	BLM BDY XING		428967.3087	3615344.118
14	BLM BDY XING		465024.756	3584266.59
15	BLM BDY XING		465040.8322	3582274.714
17	BLM BDY XING		465032.2178	3586348.45
18	BLM BDY XING		465029.0088	3585639.399
20	BLM BDY XING		465019.3962	3582766.897
29	BLM BDY XING		427796.7081	3606311.151
30	BLM BDY XING		431661.3628	3604678.124
55	BLM BDY XING		433784.4782	3612705.977
56	BLM BDY XING		427899.5205	3609526.88
58	BLM BDY XING		434719.1903	3612296.541
60	BLM BDY XING		428937.342	3611451.814
62	BLM BDY XING		432760.724	3607886.098
63	BLM BDY XING		432090.0855	3604675.602
67	BLM BDY XING		433741.6077	3608415.457
70	BLM BDY XING		425709.0521	3609544.592
72	BLM BDY XING		432726.1703	3586959.106
75	BLM BDY XING		435930.2541	3586947.55
108	BLM BDY XING		458541.5911	3574248.255
109	BLM BDY XING		458550.2352	3575049.921
110	BLM BDY XING		458543.8047	3575006.954
111	BLM BDY XING		458542.1065	3574424.83
112	BLM BDY XING		460151.8281	3574271.517
116	BLM BDY XING		466571.612	3565499.154
117	BLM BDY XING		466756.3484	3565351.193
122	BLM BDY XING		473004.3335	3566164.177
123	BLM BDY XING		473798.5882	3567770.931
127	BLM BDY XING		471410.7904	3567683.209
128	BLM BDY XING		473018.7239	3567541.609
129	BLM BDY XING		473014.3944	3566169.138
130	BLM BDY XING		471416.943	3569387.948
148	BLM BDY XING		444543.3026	3587218.544
149	BLM BDY XING		449837.5413	3592804.21
150	BLM BDY XING		449835.6345	3592382.48
151	BLM BDY XING		447394.7916	3586034.411
153	BLM BDY XING		462627.9353	3587644.496

155	BLM BDY XING	448876.9189	3590408.758
158	BLM BDY XING	466497.729	3591908.685
162	BLM BDY XING	461827.4427	3581485.165
169	BLM BDY XING	456398.1765	3591976.234
171	BLM BDY XING	455596.6432	3591983.953
177	BLM BDY XING	457996.5967	3598313.58
178	BLM BDY XING	455189.1023	3595910.244
179	BLM BDY XING	461805.863	3583078.819
180	BLM BDY XING	461804.8512	3582798.796
181	BLM BDY XING	461804.5338	3582710.952
182	BLM BDY XING	460200.8341	3582675.658
187	BLM BDY XING	464234.6159	3587808.721
194	BLM BDY XING	434956.7925	3592385.341
196	BLM BDY XING	434477.4152	3588565.451
197	BLM BDY XING	434401.2121	3588565.871
199	BLM BDY XING	437675.2456	3588544.275
200	BLM BDY XING	438105.9012	3587190.158
201	BLM BDY XING	438107.4052	3587455.138
209	BLM BDY XING	449127.9469	3592885.35
210	BLM BDY XING	450393.2528	3593618.195
211	BLM BDY XING	449837.8615	3592875.022
213	BLM BDY XING	457856.4361	3598998.869
214	BLM BDY XING	461213.0237	3595154.891
215	BLM BDY XING	460229.7242	3592099.407
217	BLM BDY XING	458521.1009	3598311.836
219	BLM BDY XING	456256.888	3597858.317
220	BLM BDY XING	452937.6219	3595213.003
221	BLM BDY XING	445550.8066	3596551.125
223	BLM BDY XING	447404.3728	3587839.01
228	BLM BDY XING	448908.4166	3584810.644
229	BLM BDY XING	448969.3938	3584807.046
230	BLM BDY XING	460229.4836	3581499.015
231	BLM BDY XING	455348.8149	3595909.652
232	BLM BDY XING	448223.0611	3590411.996
233	BLM BDY XING	438104.4859	3586941.783
236	BLM BDY XING	460188.2132	3590337.642
240	BLM BDY XING	461936.0651	3588716.017
242	BLM BDY XING	465050.5436	3591926.938
244	BLM BDY XING	460201.4691	3582826.836
245	BLM BDY XING	460202.9123	3583170.623
246	BLM BDY XING	459948.7953	3583915.555
247	BLM BDY XING	459095.7594	3581910.237
249	BLM BDY XING	459082.7991	3590346.156
252	BLM BDY XING	460217.0139	3586386.577
254	BLM BDY XING	462011.4094	3583900.188
255	BLM BDY XING	463178.7852	3582287.414

256	BLM BDY XING	463888.8122	3581474.533
260	BLM BDY XING	462092.2846	3585509.914
268	BLM BDY XING	460201.8179	3582909.967
269	BLM BDY XING	461805.8981	3583088.513
270	BLM BDY XING	458612.4638	3588950.148
275	BLM BDY XING	442982.2499	3594715.098
276	BLM BDY XING	442971.838	3592941.728
277	BLM BDY XING	455465.6679	3593097.362
278	BLM BDY XING	453418.5986	3595209.741
281	BLM BDY XING	461829.9488	3589612.211
283	BLM BDY XING	455855.2302	3591981.436
284	BLM BDY XING	453869.9093	3587972.999
285	BLM BDY XING	453998.6385	3587972.428
286	BLM BDY XING	454842.4387	3588493.75
287	BLM BDY XING	450123.4063	3592011.386
288	BLM BDY XING	449834.981	3592237.737
291	BLM BDY XING	455244.4137	3588546.755
292	BLM BDY XING	443927.6622	3588507.03
293	BLM BDY XING	460160.215	3575450.343
294	BLM BDY XING	456946.7131	3578158.818
295	BLM BDY XING	460244.545	3581094.865
297	BLM BDY XING	460436.75	3570214.88
298	BLM BDY XING	466615.347	3572615.659
301	BLM BDY XING	458518.9171	3566443.025
304	BLM BDY XING	463354.3142	3569395.363
307	BLM BDY XING	460579.8049	3581091.698
316	BLM BDY XING	464956.535	3566997.516
320	BLM BDY XING	461763.2979	3574246.645
321	BLM BDY XING	466596.1138	3572604.974
327	BLM BDY XING	457351.2964	3579274.185
328	BLM BDY XING	458960.6677	3572633.805
329	BLM BDY XING	460980.2927	3570213.967
332	BLM BDY XING	464955.9847	3566633.983
333	BLM BDY XING	456910.6513	3567119.908
334	BLM BDY XING	456907.9417	3566077.039
336	BLM BDY XING	458555.8777	3578790.292
340	BLM BDY XING	455394.8294	3578213.923
344	BLM BDY XING	456348.697	3578872.73
355	BLM BDY XING	430143.4692	3593419.662
356	BLM BDY XING	430162.193	3595832.501
365	BLM BDY XING	441291.0723	3586914.431
411	BLM BDY XING	455389.7221	3577067.889
412	BLM BDY XING	455278.5053	3578739.929
415	BLM BDY XING	455301.1897	3578276.737
416	BLM BDY XING	449511.9347	3592906.147
418	BLM BDY XING	466885.4431	3565351.307

422	BLM BDY XING	458611.1411	3588567.793
423	BLM BDY XING	458443.5226	3588742.902
424	BLM BDY XING	436499.1507	3587607.761
426	BLM BDY XING	434922.2928	3586968.606
429	BLM BDY XING	434922.2869	3586967.672
430	BLM BDY XING	436502.2212	3588552.595
431	BLM BDY XING	430459.8852	3601084.211
433	BLM BDY XING	460222.8162	3589705.613
437	BLM BDY XING	440384.873	3597383.431
438	BLM BDY XING	440091.5007	3597996.184
442	BLM BDY XING	426941.381	3596657.55
445	BLM BDY XING	455205.2028	3578442.227
447	BLM BDY XING	456112.1395	3578674.994
456	BLM BDY XING	460753.1937	3569408.068
460	BLM BDY XING	447400.0117	3586912.76
469	BLM BDY XING	464206.9573	3580648.023
476	BLM BDY XING	447781.9061	3587200.617
477	BLM BDY XING	448327.9288	3585095.464
478	BLM BDY XING	447398.1437	3586556.759
481	BLM BDY XING	457340.6341	3581523.055
484	BLM BDY XING	467364.0295	3572612.134
489	BLM BDY XING	467439.0172	3591658.605
490	BLM BDY XING	460944.0662	3581492.777
492	BLM BDY XING	460124.0399	3583110.996
495	BLM BDY XING	459246.5511	3582313.018
499	BLM BDY XING	466992.5518	3571003.726
500	BLM BDY XING	468193.3709	3569385.71
503	BLM BDY XING	458674.3568	3581107.312
518	BLM BDY XING	430584.7157	3614735.075
519	BLM BDY XING	429020.2391	3613538.793
520	BLM BDY XING	433794.0713	3614314.176
521	BLM BDY XING	433794.0295	3614314.427
524	BLM BDY XING	429788.4979	3613533.774
525	BLM BDY XING	433784.8704	3613233.035
526	BLM BDY XING	432191.8377	3615332.032
528	BLM BDY XING	430883.3259	3603873.685
542	BLM BDY XING	433673.601	3600641.94
543	BLM BDY XING	464122.9233	3597083.767
544	BLM BDY XING	457856.7728	3599054.872
545	BLM BDY XING	457854.8827	3598740.499
559	BLM BDY XING	462283.8817	3599496.172
561	BLM BDY XING	459868.251	3599095.66
562	BLM BDY XING	461434.9816	3599508.633
563	BLM BDY XING	465337.9698	3595872.517
564	BLM BDY XING	464287.6098	3597083.101
573	BLM BDY XING	430874.1655	3603067.71

575	BLM BDY XING	430684.7548	3603066.216
576	BLM BDY XING	433797.763	3614752.366
595	BLM BDY XING	433802.1965	3615296.472
597	BLM BDY XING	462686.2024	3598297.138
601	BLM BDY XING	463619.4136	3597085.793
607	BLM BDY XING	457352.7602	3579272.493
611	BLM BDY XING	456356.6959	3578876.262
612	BLM BDY XING	456721.5731	3578875.432
613	BLM BDY XING	456749.2072	3578856.621
614	BLM BDY XING	427295.213	3607109.801
625	BLM BDY XING	450640.0147	3592834.471
626	BLM BDY XING	449850.5635	3592012.812
629	BLM BDY XING	434183.0678	3612698.307
631	BLM BDY XING	433791.4782	3614006.9
656	BLM BDY XING	459701.7348	3583113.576
661	BLM BDY XING	459620.6558	3583114.072
663	BLM BDY XING	457563.9899	3578519.356
664	BLM BDY XING	456948.9354	3578716.273
665	BLM BDY XING	457361.0154	3577466.983
666	BLM BDY XING	456947.6555	3578394.925
667	BLM BDY XING	457606.7585	3579072.744
668	BLM BDY XING	458556.0528	3578826.797
674	BLM BDY XING	464029.7877	3577447.782
675	BLM BDY XING	464381.784	3579055.763
682	BLM BDY XING	438109.4726	3588541.225
683	BLM BDY XING	438113.5389	3588539.31
684	BLM BDY XING	437328.9623	3588546.72
685	BLM BDY XING	437308.689	3588546.863
688	BLM BDY XING	464234.8637	3587895.402
689	BLM BDY XING	458622.2526	3587029.442
690	BLM BDY XING	458621.9264	3586952.254
698	BLM BDY XING	464235.9272	3588267.246
700	BLM BDY XING	463430.1665	3587100.155
701	BLM BDY XING	464234.6096	3587806.54
702	BLM BDY XING	462627.6222	3587536.827
703	BLM BDY XING	463367.2061	3587102.652
704	BLM BDY XING	458614.1693	3589454.915
705	BLM BDY XING	460187.8992	3590337.644
707	BLM BDY XING	460180.6781	3590337.7
708	BLM BDY XING	461424.0364	3586943.593
709	BLM BDY XING	463032.8235	3588683.041
712	BLM BDY XING	458614.8213	3587135.366
714	BLM BDY XING	458617.1963	3585908.904
717	BLM BDY XING	465089.553	3587095.54
718	BLM BDY XING	465113.7122	3588698.663
719	BLM BDY XING	463835.9415	3588697.677

721	BLM BDY XING	462092.5321	3585509.912
729	BLM BDY XING	463264.5787	3585502.608
734	BLM BDY XING	465022.3952	3583895.809
735	BLM BDY XING	463421.9523	3584474.375
736	BLM BDY XING	462091.343	3583899.725
739	BLM BDY XING	448210.4082	3588305.768
740	BLM BDY XING	447408.5485	3588699.59
742	BLM BDY XING	447405.3176	3588033.378
743	BLM BDY XING	447404.2603	3587815.847
745	BLM BDY XING	447481.837	3588807.073
759	BLM BDY XING	427303.1906	3590204.234
760	BLM BDY XING	428105.8934	3590209.127
761	BLM BDY XING	428507.2794	3590218.241
762	BLM BDY XING	429320.2397	3590207.754
763	BLM BDY XING	428511.1625	3586996.703
777	BLM BDY XING	473744.293	3567770.93
780	BLM BDY XING	471441.8935	3566163.816
781	BLM BDY XING	471449.5584	3567778.157
785	BLM BDY XING	458518.9174	3566443.152
786	BLM BDY XING	458146.8806	3565886.382
788	BLM BDY XING	456927.1767	3572989.375
789	BLM BDY XING	456931.5554	3574361.961
791	BLM BDY XING	456934.8806	3575269.727
797	BLM BDY XING	456909.8004	3566803.167
798	BLM BDY XING	456909.9216	3566848.277
803	BLM BDY XING	456911.3871	3567393.846
804	BLM BDY XING	456855.9164	3567811.635
806	BLM BDY XING	463348.6622	3568114.839
807	BLM BDY XING	463832.4549	3567782.9
809	BLM BDY XING	469799.3969	3567013.577
810	BLM BDY XING	468186.2956	3566236.194
813	BLM BDY XING	468191.7886	3567775.681
815	BLM BDY XING	469792.687	3564617.632
819	BLM BDY XING	460574.0371	3595158.477
820	BLM BDY XING	460235.3297	3594081.238
822	BLM BDY XING	459672.3859	3591949.856
832	BLM BDY XING	455463.5034	3591985.25
836	BLM BDY XING	455461.4967	3592159.709
837	BLM BDY XING	462283.885	3599496.689
839	BLM BDY XING	461480.7948	3599811.019
844	BLM BDY XING	464157.1973	3595148.21
847	BLM BDY XING	458011.0597	3597508.054
849	BLM BDY XING	455465.6464	3593092.519
851	BLM BDY XING	456203.1981	3591978.068
853	BLM BDY XING	462679.2786	3598350.202
855	BLM BDY XING	462281.2718	3599079.245

856	BLM BDY XING	462564.9968	3598700.12
857	BLM BDY XING	463479.5873	3597285.286
859	BLM BDY XING	432026.4922	3599042.986
865	BLM BDY XING	432066.4719	3600651.432
867	BLM BDY XING	433680.1375	3601446.606
870	BLM BDY XING	429270.1437	3593426.172
872	BLM BDY XING	438145.2307	3594073.915
873	BLM BDY XING	434973.7147	3593388.308
875	BLM BDY XING	434794.1374	3590173.535
876	BLM BDY XING	430117.5433	3590211.789
879	BLM BDY XING	436537.5847	3594471.341
883	BLM BDY XING	442248.9582	3591733.021
884	BLM BDY XING	428547.5341	3596652.648
886	BLM BDY XING	431704.9723	3596631.276
892	BLM BDY XING	430963.9739	3596632.48
893	BLM BDY XING	430468.1569	3602410.675
894	BLM BDY XING	429670.9462	3603075.579
900	BLM BDY XING	431266.1795	3601463.832
901	BLM BDY XING	434957.8641	3592550.834
907	BLM BDY XING	427141.0338	3603098.95
908	BLM BDY XING	428974.0544	3603081.803
916	BLM BDY XING	430563.3857	3613482.961
917	BLM BDY XING	430558.7536	3612915.733
918	BLM BDY XING	429608.8907	3612731.096
919	BLM BDY XING	425774.7728	3609544.046
921	BLM BDY XING	425743.3018	3614371.702
924	BLM BDY XING	428937.5247	3611476.048
926	BLM BDY XING	428923.4074	3609546.611
940	BLM BDY XING	434193.4675	3609486.264
958	BLM BDY XING	432109.0612	3606282.627
959	BLM BDY XING	432114.8421	3606288.477
960	BLM BDY XING	435285.7498	3610684.345
961	BLM BDY XING	434701.8204	3609482.741
962	BLM BDY XING	432117.8159	3606743.531
967	BLM BDY XING	433713.5646	3606272.672
969	BLM BDY XING	432120.8128	3607202.451
970	BLM BDY XING	433745.3398	3608865.656
974	BLM BDY XING	430876.4229	3603430.816
978	BLM BDY XING	430891.7977	3603873.612
986	BLM BDY XING	430472.2828	3603073.783
987	BLM BDY XING	432089.7666	3604675.358
988	BLM BDY XING	432089.9403	3604675.357
0	BLM BDY XING	443921.362	3586899.351
0	BLM BDY XING	465064.1978	3595826.179
1000	BLM BDY XING	465557.8933	3575833.281
0	BLM BDY XING	428375.8044	3582001.571

0	BLM BDY XING	432743.1714	3581985.537
0	BLM BDY XING	455298.3709	3566377.032
0	BLM BDY XING	455298.7658	3565929.16
0	BLM BDY XING	457392.9402	3564285.202
0	BLM BDY XING	473012.6822	3564550.92