

HORIZONTAL CONTROL

THIS PROJECT IS LOCATED ENTIRELY WITHIN THE ANCHORAGE BOWL 2000 ADJUSTMENT, A LOCAL SURFACE GRID COORDINATE SYSTEM EXPRESSED IN U.S. SURVEY FEET UNITS DEVELOPED BY THE ALASKA DEPARTMENT OF TRANSPORTATION.

THE BASIS OF COORDINATES IS NGS STATION O'MALLEY, LOCATED NEAR THE INTERSECTION OF THE NEW SEWARD HIGHWAY AND O'MALLEY ROAD. SAID STATION HAS ANCHORAGE BOWL COORDINATES OF 303939.2310 N, 353362.5446 E. U.S. SURVEY FEET.

THE BASIS OF BEARING IS A LOCAL PLANE BEARING BETWEEN NGS STATION O'MALLEY AND NGS STATION LOOP 2 USE RM 3 1964. NGS STATION LOOP 2 USE RM 3 1964 BEARS N 01°43'26.4" E A DISTANCE OF 49488.4476 FEET FROM NGS STATION O'MALLEY. NGS STATION LOOP 2 USE RM 3 1964 HAS ANCHORAGE BOWL 2000 COORDINATES OF 353405.2778 N, 354851.3982 E. U.S. SURVEY FEET.

CONVERSION PARAMETERS

TO CONVERT THE LOCAL COORDINATES TO NAD83 (92) STATE PLANE COORDINATES EXPRESSED IN U.S. SURVEY FEET, TRANSLATES USING +2296868.6878 N USF, +1312517.4904 E USF, AND SCALE USING 0.9998910192.

BASIS OF VERTICAL CONTROL

ELEVATIONS ARE BASED UPON THE MUNICIPALITY OF ANCHORAGE (MOA) VERTICAL CONTROL NETWORK. THE DATUM IS MEAN SEA LEVEL (MSL) GAAB 1972 ADJUSTMENT AND THE UNIT OF MEASURE IS U.S. SURVEY FEET. THE FOLLOWING MOA BENCHMARKS WERE HELD FIXED: "GAAB 65" (601) AS 97.65', "GAAB 76" (602) AS 94.04', AND "GAAB 86" (604) AS 104.53'.

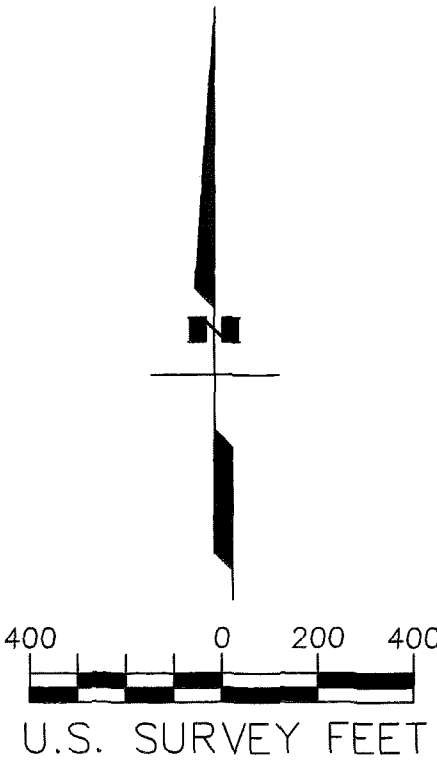
SURVEY NOTES

- 1. ALL DIMENSIONS AND COORDINATES SHOWN ARE IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.
- 2. PROJECT HORIZONTAL CONTROL AND PROPERTY CORNERS WERE SURVEYED USING NETWORKED STATIC GPS TECHNIQUES. GPS MEASUREMENTS WERE PERFORMED USING TRIMBLE R7, R8-2, AND R6-3 SERIES RECEIVERS RUNNING CURRENT FIRMWARE AND ADJUSTED USING TRIMBLE BUSINESS CENTER V3.1 POST-PROCESSING SOFTWARE.
- 3. ALL ELEVATIONS SHOWN ON THIS PLAT WERE ESTABLISHED VIA THIRD-ORDER DIFFERENTIAL LEVELING USING A TRIMBLE DINI DIGITAL LEVEL.
- 4. HORIZONTAL COORDINATES OF VERTICAL BENCHMARKS ARE FOR GENERAL LOCATION ONLY.
- 5. THE FIELD SURVEY WAS COMPLETED DURING NOVEMBER 2013 THROUGH JANUARY 2014 BY USKH INC.
- 6. PROPERTY INFORMATION SHOWN HEREON IS PROVIDED FOR ORIENTATION ONLY. THIS DRAWING DOES NOT CONSTITUTE A PROPERTY BOUNDARY OR RIGHT OF WAY SURVEY. THIS DRAWING WAS PREPARED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR ABSTRACTOR'S CERTIFICATE AND DOES NOT SHOW EASEMENTS OR OTHER ENCUMBRANCES.
- 7. ALL ELEVATIONS MUST BE FIELD VERIFIED BEFORE USE.

FOUND PROJECT CONTROL THIS SHEET				
Point #	Northing	Easting	Elevation	Description
480	329490.4958	351832.7387	111.69	Fnd Rbr/RPC[USKH]: CONTROL POINT 2008

FOUND VERTICAL CONTROL THIS SHEET				
Point #	Northing	Easting	Elevation	Description
601	333033	342946	97.65	Fnd BC/Bolt[GAAB]: GAAB 65
604	330735	349893	104.53	Fnd BC/Bolt[GAAB]: GAAB 86

FOUND/SET TEMPORARY BENCHMARKS THIS SHEET				
Point #	Northing	Easting	Elevation	Description
620	329538	351805	112.07	Fnd TBM: NE Bolt on Signal Pole Base



Anchorage Recording District
State Business – No Fee
This survey does not constitute a subdivision
as defined by AS 40.15.900(5)

LEGEND	
	FOUND VERTICAL BENCHMARK
	SET TEMPORARY BENCHMARK
	PROJECT CONTROL POINT
	GIS DERIVED PARCEL/LOT LINES
	POINT NUMBER IDENTIFIER

Surveyor's Certificate

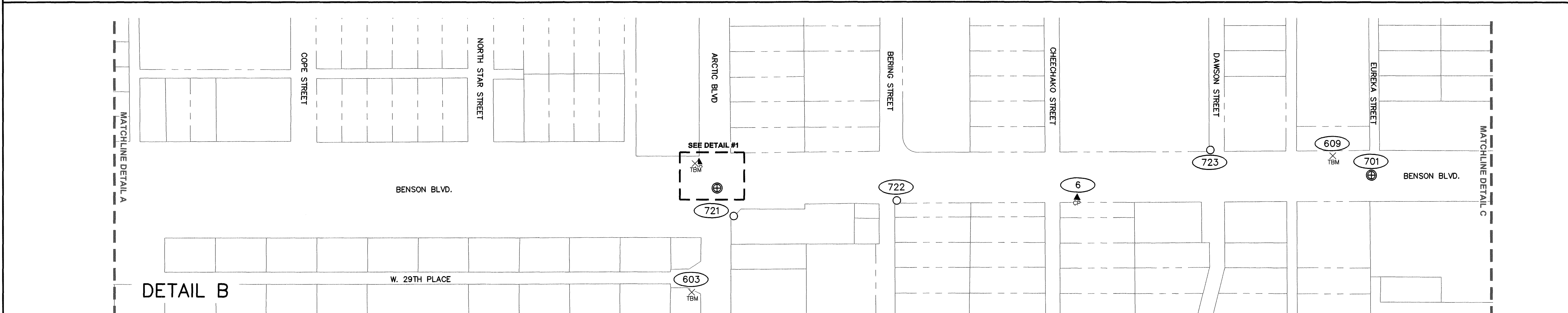
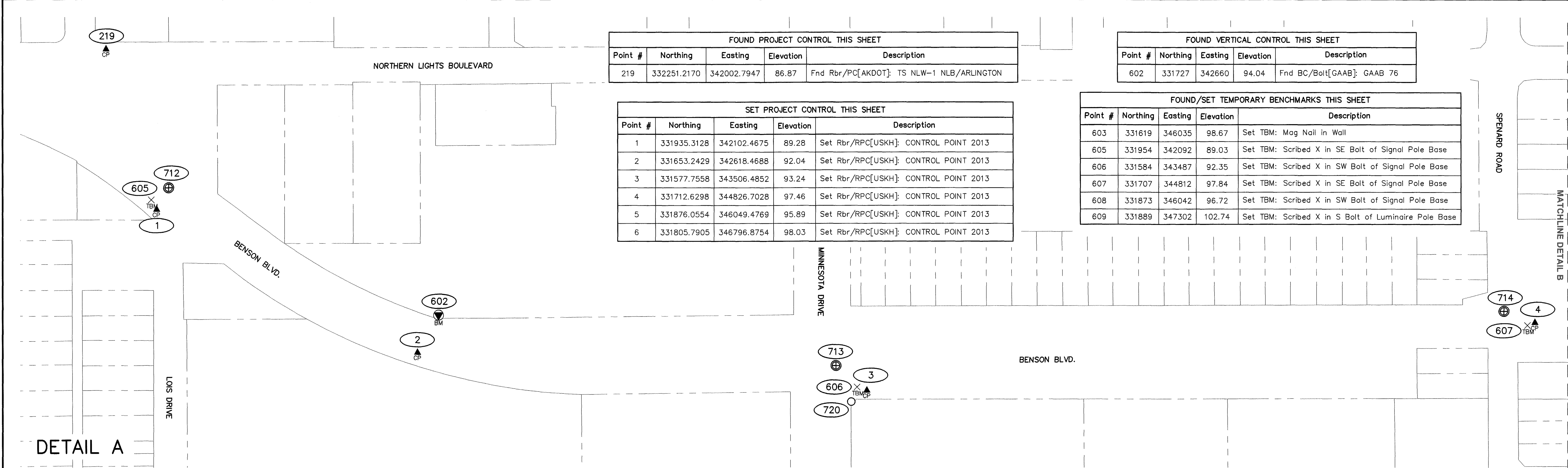
I hereby certify that I am properly Registered and Licensed to practice Land Surveying in the State of Alaska, and that this drawing represents a survey made by me or under my direct supervision, and that the monuments shown hereon actually exist as described, and that all dimensions and other details are correct to the extent shown hereon.

Jeremy A. Hurst LS-11796
1/9/15
Date

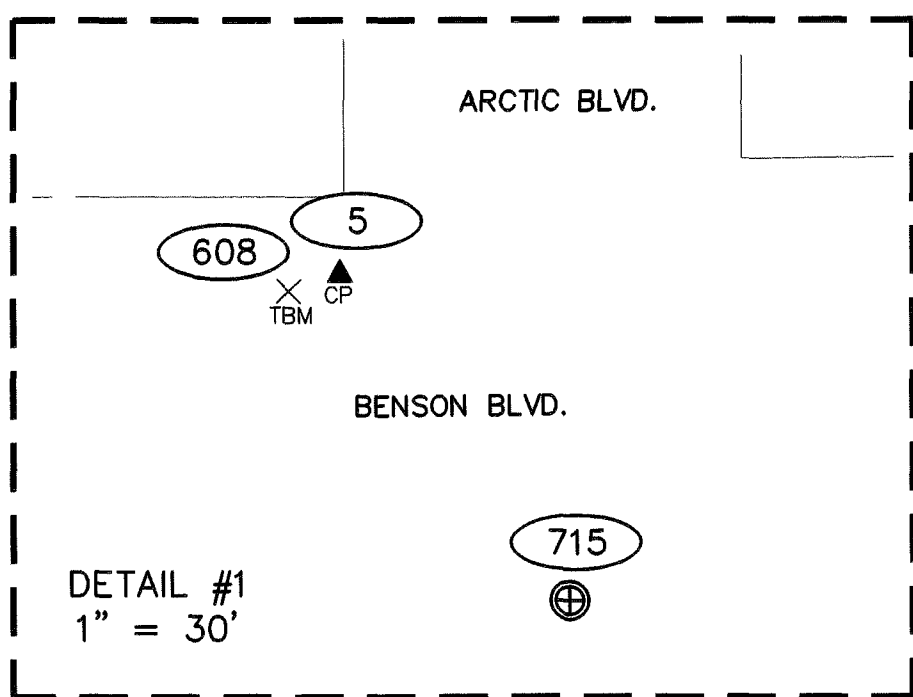
Anchorage Recording District PLAT# 2015-9



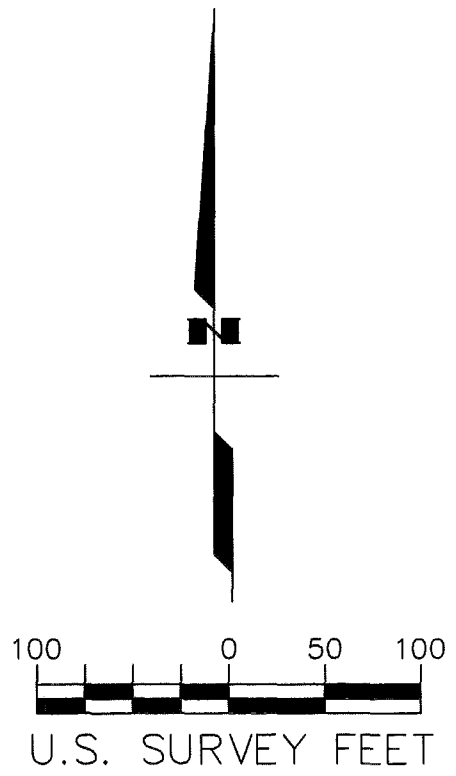
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SURVEY CONTROL DIAGRAM			
Record Of Survey BENSON BLVD: LOIS DR. TO LATOUCHE ST. PAVEMENT PRESERVATION AKSAS 56726 LOCATED WITHIN SECTIONS 29 & 30, T13N R03W AND SECTION 25, T13N R04W, S.M.			
DRAWN	EFG	DATE	12/21/14
CHECKED	JAH	DATE	12/21/14
		SCALE	1" = 400'
		SHEET	1 OF 4



FOUND MONUMENTS THIS SHEET				
Point #	Northing	Easting	Description	
701	331850.6404	347378.3817	Fnd BC/Bx[DOH]: Benson Blvd at Eureka, Sta. 87+63.40	
712	331978.2967	342126.3909	Fnd BC/Bx[DOH]: Benson Blvd at Lois Dr, Sta. 34+02.23	
713	331627.1382	343445.4819	Fnd BC/Bx[DOH]: Benson Blvd at Minnesota Dr, Sta. 48+11.59	
714	331735.1322	344765.6124	Fnd BC/Bx[DOH]: Benson Blvd at Spenard Rd, Sta. 61+40.97	
715	331825.1314	346085.3689	Fnd BC/Bx: Benson Blvd at Arctic, Sta. 74+71.29	
720	331555.4602	343475.4777	Fnd AC[LS2297]: S ROW Benson Blvd/E ROW Minnesota Drive NW Tr A2 Alaska Mutual Subdivision	
721	331769.6830	346118.2056	Fnd Rbr: S ROW Benson Blvd/E ROW Arctic Blvd NW L3A B5 Northern Lights Subdivision	
722	331799.9005	346440.4461	Fnd BC[LS5483]: S ROW Benson Blvd/E ROW Bering St NW L2 B6 Northern Lights Subdivision	
723	331900.2450	347060.1197	Fnd AC[LS8593]: N ROW Benson Blvd/W ROW Dawson St SE L1A B3A Northern Lights Subdivision	



- LEGEND**
- FOUND VERTICAL BENCHMARK
 - SET TEMPORARY BENCHMARK
 - PROJECT CONTROL POINT
 - FOUND PRIMARY CENTERLINE MONUMENT
 - FOUND SECONDARY CENTERLINE MONUMENT
 - FOUND MISCELLANEOUS PROPERTY CORNER
 - GIS DERIVED PARCEL/LOT LINES
 - POINT NUMBER IDENTIFIER



Anchorage Recording District
State Business – No Fee
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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

&

PUBLIC FACILITIES

SURVEY CONTROL DIAGRAM

Record Of Survey

BENSON BLVD: LOIS DR. TO LATOUCHE ST.

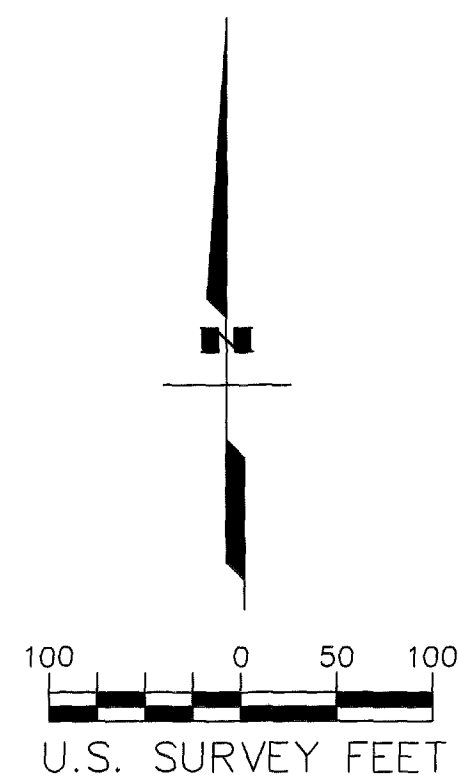
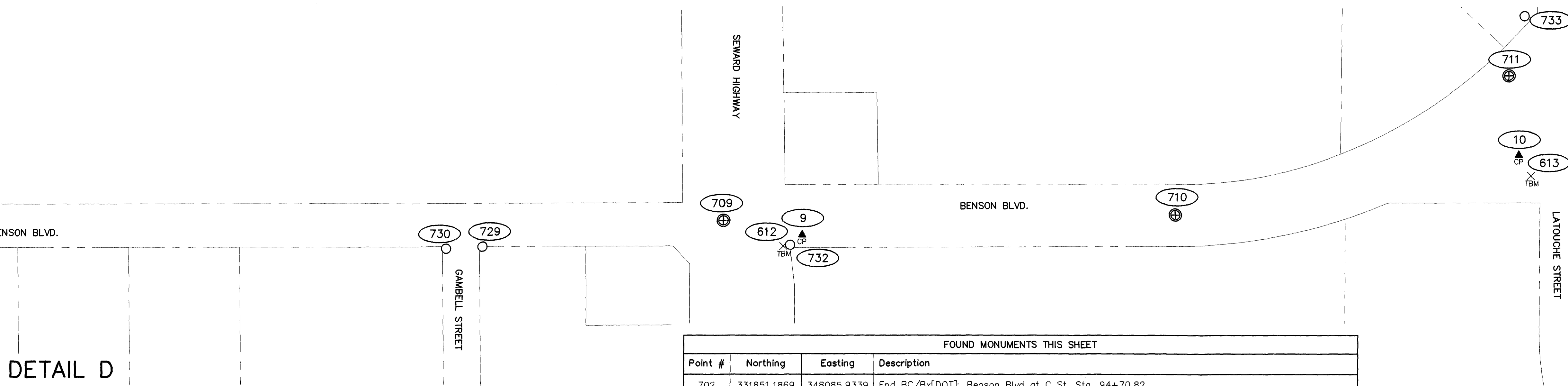
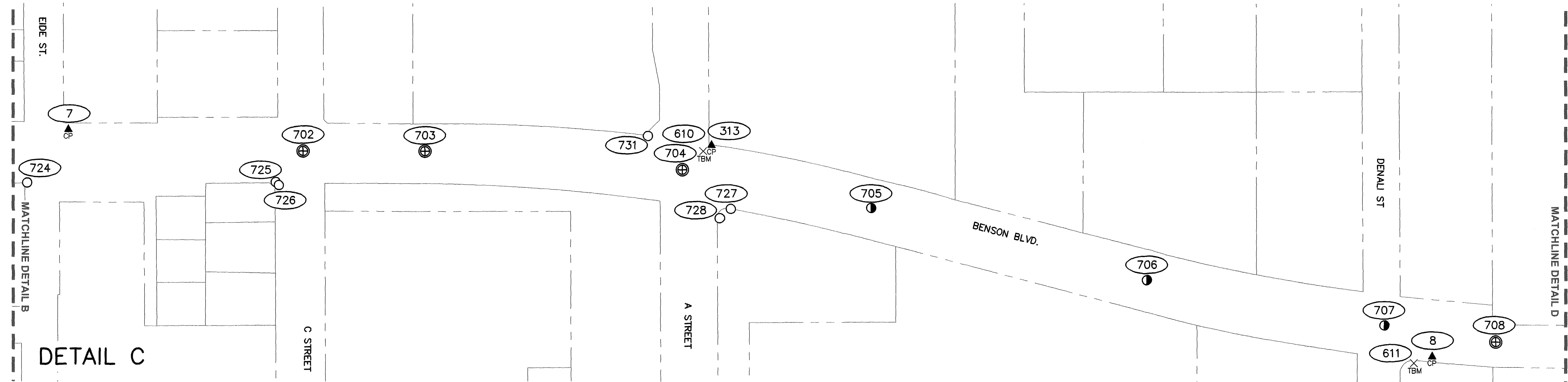
PAVEMENT PRESERVATION

AKSAS 56726

LOCATED WITHIN SECTIONS 29 & 30, T13N R03W

AND SECTION 25, T13N R04W, S.M.

DRAWN	EFG	DATE	12/21/14	SCALE	1" = 100'
CHECKED	JAH	DATE	12/21/14	SHEET	2 OF 4



LEGEND

- FOUND VERTICAL BENCHMARK
- SET TEMPORARY BENCHMARK
- PROJECT CONTROL POINT
- FOUND PRIMARY CENTERLINE MONUMENT
- FOUND SECONDARY CENTERLINE MONUMENT
- FOUND MISCELLANEOUS PROPERTY CORNER
- GIS DERIVED PARCEL/LOT LINES
- POINT NUMBER IDENTIFIER

FOUND PROJECT CONTROL THIS SHEET				
Point #	Northing	Easting	Elevation	Description
313	331860.8576	348748.9884	103.71	Fnd Rbr/OPC[AKDOT]: TS C-17

SET PROJECT CONTROL THIS SHEET				
Point #	Northing	Easting	Elevation	Description
7	331886.2163	347705.5085	103.74	Set Rbr/RPC[USKH]: CONTROL POINT 2013
8	331519.5205	349916.3494	104.58	Set Rbr/RPC[USKH]: CONTROL POINT 2013
9	331521.1249	351465.8292	110.19	Set Rbr/RPC[USKH]: CONTROL POINT 2013
10	331651.5004	352628.0147	109.08	Set Rbr/RPC[USKH]: CONTROL POINT 2013

FOUND/SET TEMPORARY BENCHMARKS THIS SHEET				
Point #	Northing	Easting	Elevation	Description
610	331851	348735	103.28	Set TBM: Scribed X in NW Bolt of Signal Pole Base
611	331509	349887	104.62	Set TBM: Scribed X in SE Bolt of Signal Pole Base
612	331503	351435	110.60	Set TBM: Scribed X in NW Bolt of Signal Pole Base
613	331618	352647	110.67	Set TBM: Scribed X in N Bolt of Luminaire Pole Base

FOUND MONUMENTS THIS SHEET			
Point #	Northing	Easting	Description
702	331851.1869	348085.9339	Fnd BC/Bx[DOT]: Benson Blvd at C St, Sta. 94+70.82
703	331851.3643	348283.8132	Fnd Rbr: PC Benson Blvd Sta. 96+68.60
704	331821.0121	348701.3325	Fnd AC/Bx: Benson Blvd at A St, Sta. 100+85.70
705	331758.9915	349007.0405	Fnd Rbr: PC Benson Blvd, Sta. 104+00.04
706	331642.6970	349454.0135	Fnd Rbr: PT Benson Blvd, Sta. 108+61.98
707	331569.9996	349838.8861	Fnd Rbr: Benson Blvd at Denali
708	331543.2462	350019.4128	Fnd BC/Bx: Benson Blvd
709	331544.6855	351338.4263	Fnd BC/Bx[DOH]: CL Seward Hwy
710	331554.1094	352071.2438	Fnd BC/Bx[DOH]: PC Benson Blvd, Sta. 134+86.81
711	331780.1700	352612.1659	Fnd BC/Bx[DOH]: PT Benson Blvd, Sta. 140+88.54
724	331800.4029	347638.5611	Fnd BC[Illegible]: S ROW Benson Blvd/W ROW Edie St NE L2 Huckabay Subdivision
725	331801.0274	348041.6037	Fnd AC: S ROW Benson Blvd/W ROW C St NE L3 Sunland Subdivision
726	331796.1333	348046.6467	Fnd AC[USKH]: S ROW Benson Blvd/W ROW C St NE L3 Sunland Subdivision
727	331757.3870	348779.0870	Fnd Rbr/YP[LS8593]: S ROW Benson Blvd/E ROW A St NW Tr D-11D Calais Subdivision
728	331742.6224	348761.5865	Fnd Rbr/YP[LS8593]: S ROW Benson Blvd/E ROW A St NW Tr D-11D Calais Subdivision
729	331502.2017	350947.9556	Fnd Rbr: S ROW Benson Blvd/E ROW Gambell St NW Tr 1A Country Village Subdivision
730	331499.0083	350888.8039	Fnd Rbr: S ROW Benson Blvd/W ROW Gambell St NE Tr A High Line Addition 1
731	331875.9451	348645.7158	Fnd Magnetic Nail/Washer: S ROW Benson Blvd/W ROW A St SE Tr D-6-1 Calais Subdivision
732	331505.0149	351446.3402	Fnd AC[9235-S]: S ROW Benson Blvd/E ROW Seward Highway SE Tr 1C Southridge Subdivision
733	331876.7934	352637.6132	Fnd Rbr: N ROW Benson Blvd/W ROW LaTouche St

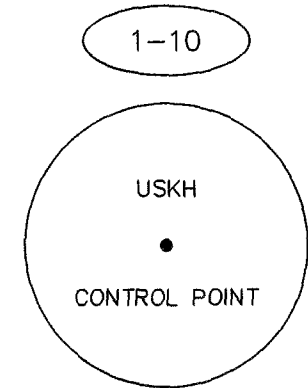
Anchorage Recording District
State Business – No Fee
This survey does not constitute a subdivision
as defined by AS 40.15.900(5)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
SURVEY CONTROL DIAGRAM
Record Of Survey
BENSON BLVD: LOIS DR. TO LATOUCHE ST.
PAVEMENT PRESERVATION
AKSAS 56726
LOCATED WITHIN SECTIONS 29 & 30, T13N R03W
AND SECTION 25, T13N R04W, S.M.

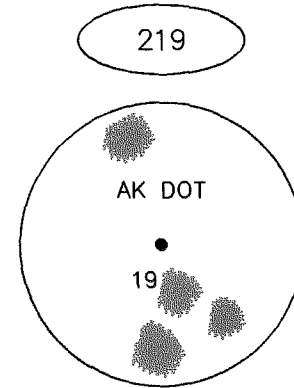
DRAWN EFG DATE 12/21/14 SCALE 1" = 100'

CHECKED JAH DATE 12/21/14 SHEET 3 OF 4

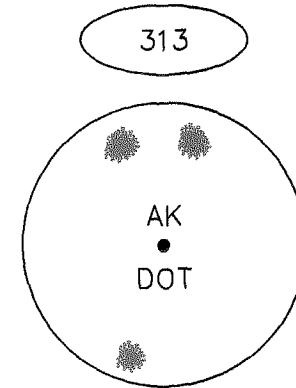
Anchorage Recording District Plat # 2015-9



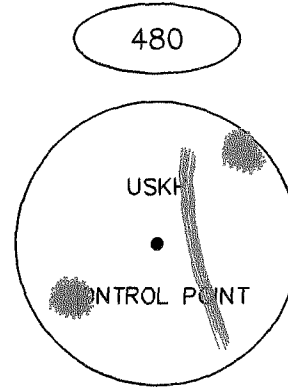
Set 1-1/4" Red Plastic Cap
On 5/8" x 30" Rebar
0.2' Below Grade (Typical)



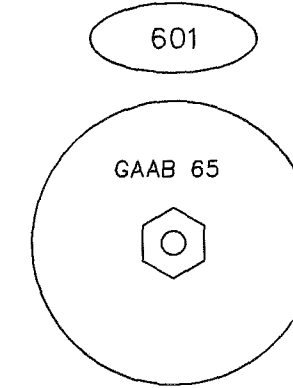
Fnd 1-1/4" Yellow Plastic Cap
On Rebar 0.4' Below Grade
Good Condition



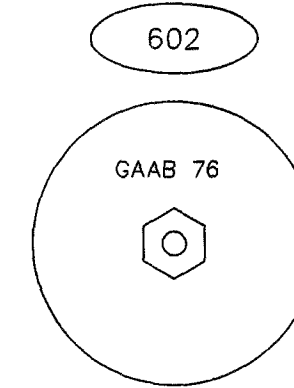
Fnd 1-1/4" Orange Plastic Cap
On Rebar 0.2' Below Grade
Good Condition



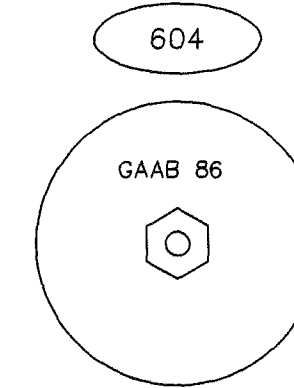
Fnd 1-1/4" Red Plastic Cap
On Rebar 0.4' Below Grade
Good Condition



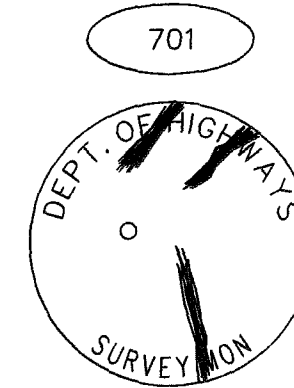
Fnd Brass Disk with Bolt
In Foundation/Wall
Good Condition



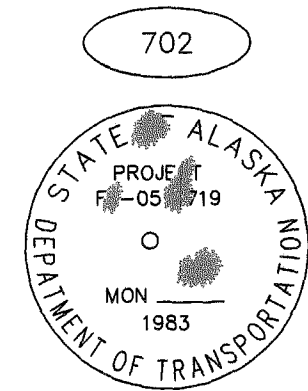
Fnd Brass Disk with Bolt
In Foundation/Wall
Good Condition



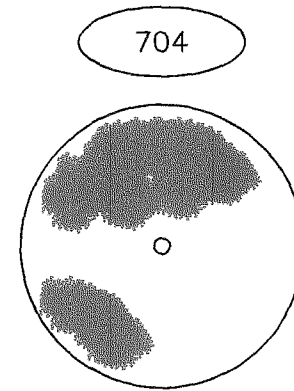
Fnd Brass Disk with Bolt
In Foundation/Wall
Good Condition



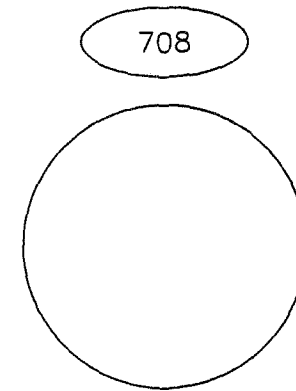
Fnd 2-1/2" Brass Cap in
Monument Case
0.6' Below Grade
Good Condition



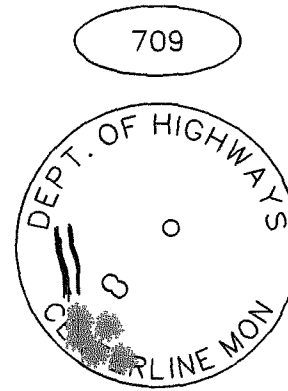
Fnd 4" Aluminum Cap in
Monument Case
0.4' Below Grade
Good Condition



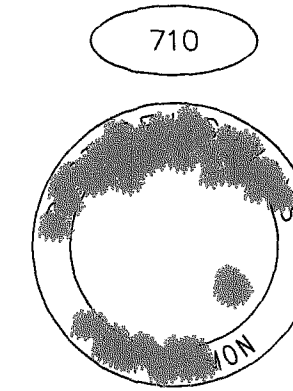
Fnd 4" Aluminum Cap in
Monument Case
0.6' Below Grade
Good Condition



Fnd 2-1/2" Brass Cap in
Monument Case
0.7' Below Grade
Good Condition



Fnd 2-1/2" Brass Cap in
Monument Case
0.4' Below Grade
Good Condition



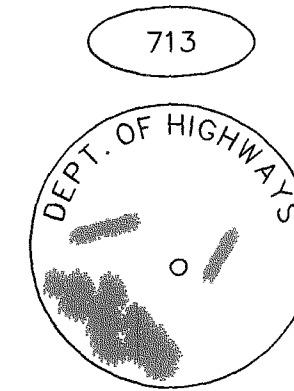
Fnd 2-1/2" Brass Cap in
Monument Case
0.6' Below Grade
Good Condition



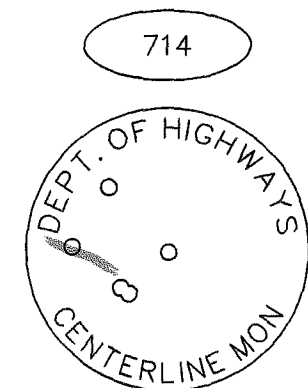
Fnd 2-1/2" Brass Cap in
Monument Case
0.4' Below Grade
Good Condition



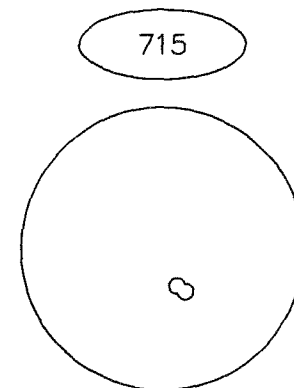
Fnd 2-1/2" Brass Cap in
Monument Case
0.5' Below Grade
Good Condition



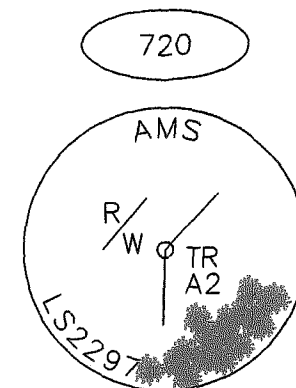
Fnd 2-1/2" Brass Cap in
Monument Case
0.5' Below Grade
Good Condition



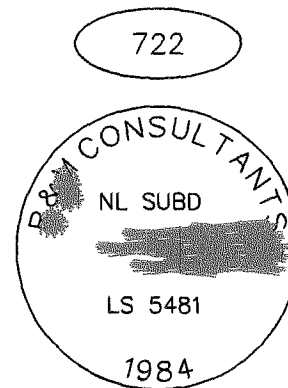
Fnd 2-1/2" Brass Cap in
Monument Case
0.3' Below Grade
Good Condition



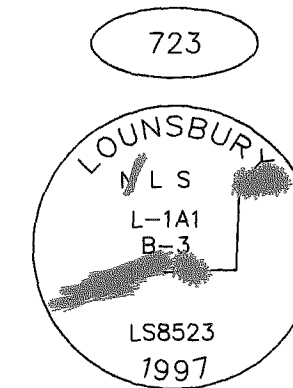
Fnd 2-1/2" Brass Cap in
Monument Case
0.2' Below Grade
Good Condition



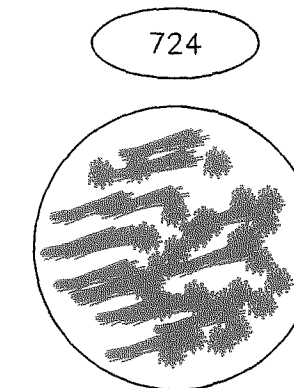
Fnd 2" Aluminum Cap
0.3' Below Grade
Good Condition



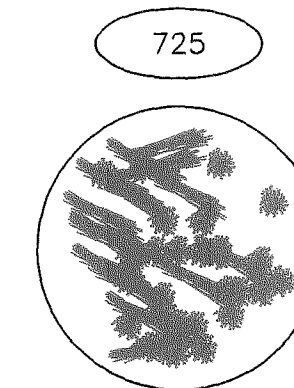
Fnd 3" Aluminum Cap
0.1' Below Grade
Good Condition



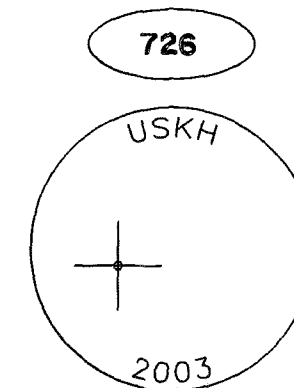
Fnd 2-1/2" Aluminum Cap
0.3' Below Grade
Good Condition



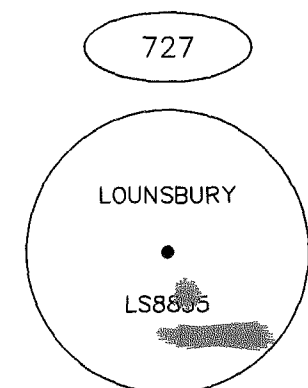
Fnd 1-1/2" Aluminum Cap
0.4' Below Grade
Good Condition



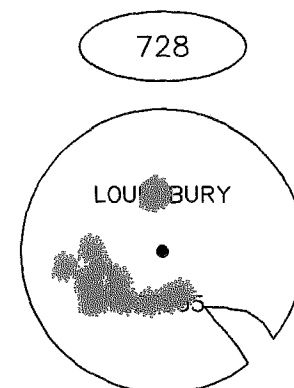
Fnd 2" Aluminum Cap
0.2' Below Grade
Good Condition



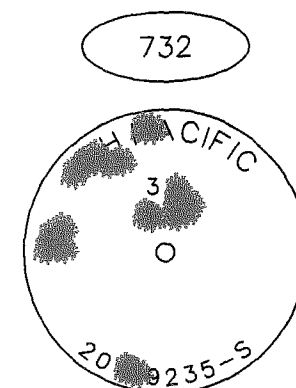
Fnd 2" Aluminum Cap
Set Flush in Curb
Good Condition



Fnd 1-1/4" Yellow Plastic Cap
On 5/8" x 30" Rebar
0.1' Below Grade



Fnd 1-1/4" Yellow Plastic Cap
On 5/8" x 30" Rebar
0.1' Below Grade



Fnd 3" Aluminum Cap
0.1' Below Grade
Good Condition

Anchorage Recording District
State Business - No Fee
This survey does not constitute a subdivision
as defined by AS 40.15.900(5)

2015-9
Plat #
Anchorage
Rec Dist
1-22-2015
Date
10:06 AM
Time

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SURVEY CONTROL DIAGRAM Record Of Survey BENSON BLVD: LOIS DR. TO LATOUCHE ST. PAVEMENT PRESERVATION AKSAS 56726 LOCATED WITHIN SECTIONS 29 & 30, T13N R03W AND SECTION 25, T13N R04W, S.M.			
DRAWN	EFG	DATE	12/21/14
CHECKED	JAH	DATE	12/21/14
SCALE	N/A	SHEET	4 OF 4