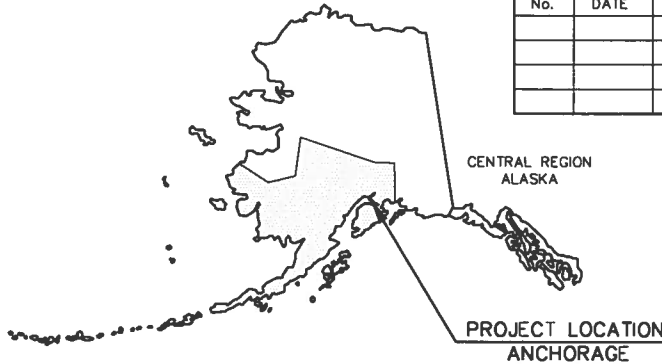
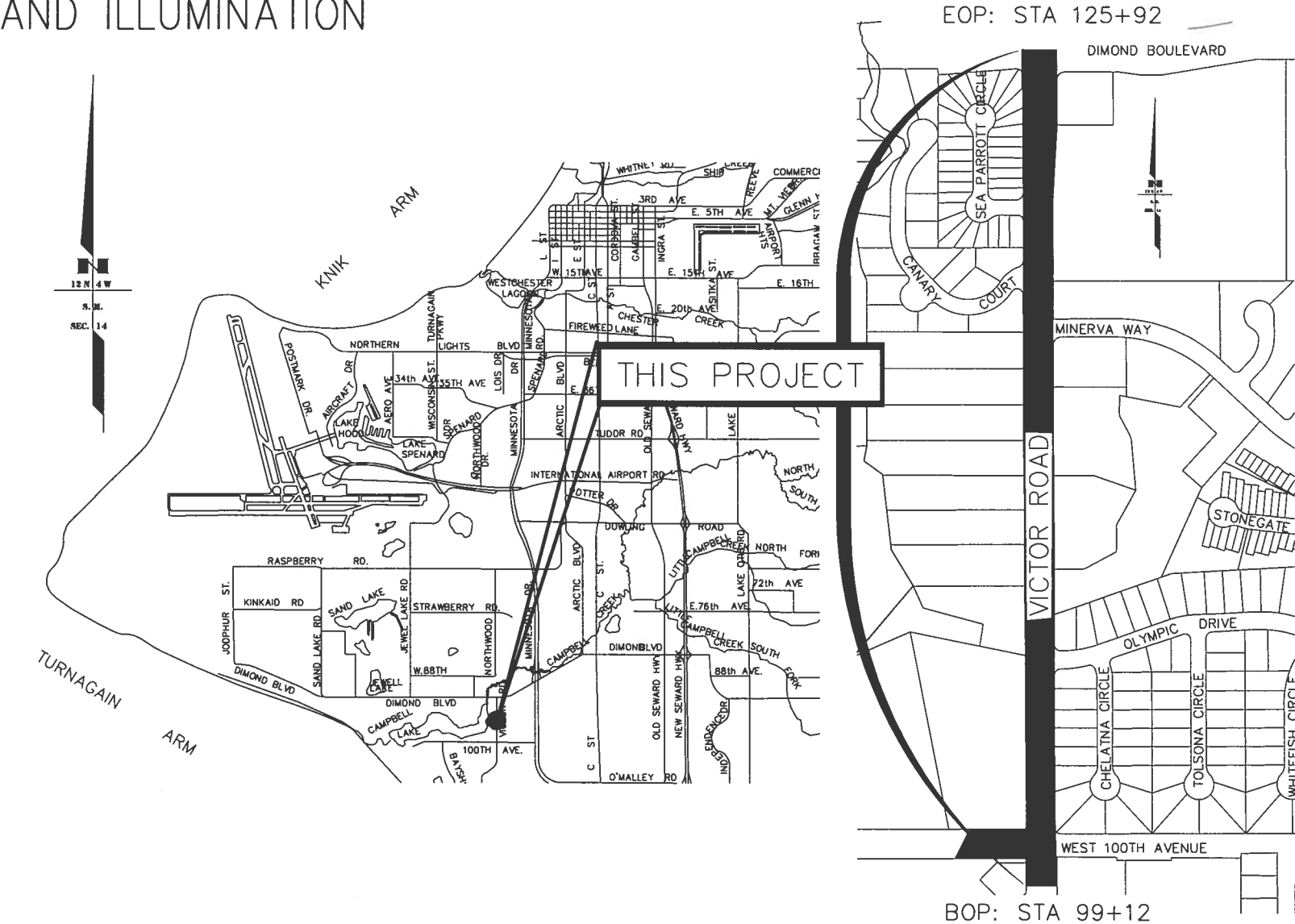


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PROPOSED HIGHWAY PROJECT
VICTOR ROAD:
100TH AVENUE TO DIMOND BLVD.
PROJECT NO: STP-0001 (232)/55027
GRADING DRAINAGE, PAVING, SIGNING & STRIPING,
AND ILLUMINATION



REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
No.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	---	---
			ROUTE: 133745	CDS MILEPOINT: 0.000 TO 0.500			

DESIGN DESIGNATION			
AADT 2008	7,192	AADT 2030	12,400
DESIGN SPEED	35 mph		

PROJECT SUMMARY	
WIDTH OF PAVEMENT	38 ft - 50 ft
LENGTH OF PAVEMENT	2709 ft
LENGTH OF PROJECT	2709 ft

INDEX	
SHEET NO.	DESCRIPTION
A1	COVER
A2-A3	LEGEND, SYMBOLS, ABBREVIATIONS
A4-A5	SURVEY CONTROL
B1-B4	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1-D3	SUMMARY SHEETS
E1-E7	DETAILS
F1-F7	DEMOLITION PLAN
F8-F20	PLAN & PROFILE
G1-G12	GRADING & PAVING PLANS
H1-H4	SIGNING AND STRIPING
H5-H12	ILLUMINATION
K1-K7	CONSTRUCTION PHASING PLAN
L1-L9	LANDSCAPING
P1-P2	WATER IMPROVEMENTS
R1-R7	RIGHT-OF-WAY MAPS
U1-U18	UTILITIES

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES



APPROVED:

REGIONAL PRECONSTRUCTION ENGINEER

CONCUR:

DIRECTOR, CONSTRUCTION & OPERATIONS
CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITIONS:

CONSTRUCTION PROJECT MANAGER

THE FOLLOWING STANDARD
DRAWINGS APPLY TO THIS
PROJECT:

A-1*
B-04.00, B-05.00
C-03.10, C-04.12, C-05.10
D-04.21, D-01.02, D-06.10, D-07.00,
D-09.00
E-00.00, E-09.00, E-13.00
F-01.01, F-03.01
I-20.13*, I-21.01, I-22.01
L-03.10, L-23.01, L-24.00, L-25.00,
L-26.00
M-13.01, M-16.01, M-20.12, M-23.12
S-00.10, S-01.00, S-05.01, S-20.10,
S-22.00, S-23.00, S-30.03, S-31.00
T-06.00, T-20.02, T-21.02, T-22.03,
T-23.00, T-32.10
U-03.00
* DENOTES "AS MODIFIED HEREIN"

THE FOLLOWING REGIONAL
DETAILS APPLY TO THIS
PROJECT:

CR-1.00
CR-2.00

CERTIFICATION SET

LOUNSBURY PROJECT NUMBER 01-046_B
T. Lounsbury, 2001-01-046_B-2009-ENG-DELIVER, Plot-Bid-Check V.A. SHEETS, BID-CHECK, V.A. SHEETS, 04.15.2011 12:01
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNATION
PLOTTED BY
DRAFTED BY
000000

The diagram illustrates a diamond interchange where a north-south road crosses an east-west road. The north-south road has 6.5 lanes in each direction. The east-west road has 23 lanes in each direction. The interchange is labeled with 'R.R. 2580+60' and 'HWY. 126+33'. The diamond shape represents the interchange, with the number '842' inside, likely indicating a specific lane or section.

FINAL

STATE OF ALABAMA
49TH
REGISTERED PROFESSIONAL ENGINEER

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

LOUNSBURY PROJECT NUMBER: 04-0001
COMPUTER DESIGNATION: T
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: M. J. DRAKE
DATE: 04.14.2011 10:14
PROJECT: 2001 01-046_B-2000 LANG DELIVER: Plot-Check-A-Sheets_BID-Check
DRAWN BY: M. J. DRAKE

CERTIFICATION SET

SYMBOL LEGEND

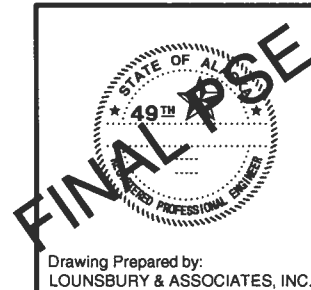
	EXISTING	PROPOSED
BOLLARDS		
FIELD INLET		
CATCH BASIN		
STORM DRAIN MANHOLE		
SANITARY SEWER MANHOLE		
UTILITY POLE		
ELECTRIC METER		
LUMINAIRE		
PRIVATE LUMINAIRE		
CONTROLLER CABINET		
TYPE IA JUNCTION BOX		
TYPE II JUNCTION BOX		
TYPE III JUNCTION BOX		
SIGNAL POLE W/MAST ARM		
FLAGPOLE		
TELEPHONE MANHOLE		
SIGN		
SURVEY MONUMENT		
WATER LINE	---W---	
STORM DRAIN	---SD---	---SD---
SANITARY SEWER	---SS---	---SS---
GAS LINE	---G---	
UNDERGROUND CABLE	---UC---	
UNDERGROUND TRAFFIC CONTROL CABLE	---TR---	
RIGHT OF WAY	---R/W---	
TRANSITION BETWEEN CUT AND FILL		
DRIVEWAY CENTER LINE		
SAW CUT LINE		
ASPHALT PAVEMENT		
REMOVAL OF PAVEMENT		
REMOVE CONCRETE SIDEWALK		
TEMPORARY CONSTRUCTION PERMIT AREA		
SWALE		
EXISTING GAS CROSSING		
EXISTING ELECTRICAL CROSSING		
EXISTING TELEPHONE CROSSING		
EXISTING CABLE CROSSING		
EXISTING TRAFFIC LINE CROSSING		
EXISTING OVERHEAD LINES CROSSING		

LEGEND

- TO BE REMOVED BY OTHERS
- DO NOT DISTURB
- EXISTING CURB & GUTTER TO REMAIN
- COORDINATE PEDESTAL ADJUSTMENT. WORK TO BE DONE BY OTHERS.
-
- EXISTING STORM DRAIN STRUCTURE TO REMAIN
- CLEARING AND GRUBBING LIMITS
- REMOVAL OF STRUCTURES AND OBSTRUCTIONS
- REMOVAL OF PAVEMENT
- REMOVAL OF CURB & GUTTER
- REMOVAL OF SIDEWALK OR CURB RAMP
- ABANDON SANITARY SEWER SERVICE
- REMOVAL OF INLET
- REMOVAL OF MANHOLE
- CONSTRUCT DRIVE GATE
- REMOVE, SALVAGE, & RECONSTRUCT FENCE
- REMOVAL OF CULVERT PIPE/ STORM DRAIN PIPE
- ABANDON WATER SERVICE
- REMOVE & SALVAGE EXISTING SIGN
-
- PROPOSED WATER VALVE/VALVE CASING
- PROPOSED STORM DRAIN STRUCTURE
-
-
- REMOVE & RESET MAILBOX
-
-
-
- CONSTRUCT DETECTABLE WARNING
- CONSTRUCT CONCRETE SIDEWALK
- CONSTRUCT ASPHALT PATHWAY
- CONSTRUCT CURB RAMP
- CONSTRUCT RETAINING WALL
- APPROACHES
-
- RECONSTRUCT EXISTING MANHOLE
-
- ADJUST EXISTING MANHOLE
- ADJUSTMENT OF VALVE BOX
- ADJUST UNDERDRAIN CLEANOUT TO FINISH GRADE
- ADJUST SANITARY SEWER CLEANOUT

COMMON ABBREVIATIONS

AFD	- ANCHORAGE FIRE DEPARTMENT
BH	- STORM DRAIN BEEHIVE INTAKE COVER
BOP	- BEGINNING OF PROJECT
C&G	- CURB AND GUTTER
CI	- CURB INLET
CL	- CENTERLINE
CRN	- CROWN
CTWLTL	- CONTINUOUS-TWO-WAY-LEFT-TURN-LANE
DBL	- DOUBLE
DIA	- DIAMETER
DVW	- DRIVEWAY
EOP	- END OF PROJECT/
EST	- ESTIMATED
F.H.	- FIRE HYDRANT
FI	- FIELD INLET - STORM DRAIN TOP INTAKE COVER
FOC	- FACE OF CURB
L	- LENGTH
LT	- LEFT
in	- INCH
ft ³	- FOOT
ft	- CUBIC FOOT
lb	- POUND
MH	- MANHOLE
MIN	- MINIMUM
MON	- MONUMENT
OHU	- OVERHEAD UTILITIES
PC	- POINT OF CURVATURE
PI	- POINT OF INTERSECTION
PT	- POINT OF TANGENCY
R	- RADIUS
R/W	- RIGHT-OF-WAY
ROW	- RIGHT-OF-WAY
RT	- RIGHT
SLCSP	- SEAM LOCK CORRUGATED
ST	- STREET
STA	- STATION/STATIONING
SW	- SIDEWALK
TBC	- TOP BACK OF CURB
V	- VERTICAL
W	- WHITE
Y	- YELLOW



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

LEGEND2
ABBREVIATIONS

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

DWG Path:

PRIMARY HORIZONTAL CONTROL						
NUMBER	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
1	308444.2317	341878.6959	60.32	100+00.00	0.00	Fd Al Mon[4725-S];1/4 S13/S14 *T12N R4W
4	309059.3696	341946.9853		106+14.94	70.07RT	Fd Al Cap[6945-S];PC Olympic
5	309079.9403	342070.3713	30.40	106+35.15	193.52RT	Fd Al Cap[6915-S];SI Olympic and Chelotna
6	309034.7816	342085.6556		105+89.95	208.67RT	Fd Al Cap[6915-S];PT Chelotna
20	308997.1171	342092.0524	31.05	105+52.26	214.96RT	Fd Al Cap[6915-S];PT Chelotna
24	308639.9354	342093.1530	54.18	101+95.08	215.02RT	Fd Al Cap[6915-S];RP Chelotna
28	308447.1106	342988.5530	60.59	NA	NA	Fd Al Cap[4725-S];SI Olympic and 100th
29	309159.8167	342303.0246	33.38	107+14.35	426.40RT	Fd Al Cap[6915-S];PT Olympic Dr
32	308119.5580	341879.7589		NA	NA	Fd Rbr: PT Southport

RECOVERED PROPERTY CORNERS

NUMBER	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
10	308280.0271	341829.3809		NA	NA	Fd Rbr:CEA Sub. Reserve
11	308393.7012	341730.0921	64.66	NA	NA	Fd Al Mon[7326-S];CEA Su. Reserve
13	308615.4898	341928.0938		101+71.11	49.89RT	Fd Rbr:NW L7 B2 Lakeview Terrace Add1
15	308830.3797	341927.5536		103+86.00	49.98RT	Fd Rbr:NW L4 B2 Lakeview Terrace Add1
16	308892.0646	341927.6670		104+47.69	50.47RT	Fd Rbr:NW L3 B2 Lakeview Terrace Add1
19	309093.1687	341997.9746		106+48.59	121.16RT	Fd Rbr:SE L1 B1 Lakeview Terrace Add3
21	309131.1336	342312.9270		106+85.64	436.22RT	Fd Rbr:NW L19 B2 Lakeview Terrace Add1
22	308893.1709	342067.3549		104+48.39	189.98RT	Fd Rbr:NE L3 B2 Lakeview Terrace Add1
23	308768.2951	342067.7397		103+23.51	189.98RT	Fd Rbr:SE L4 B2 Lakeview Terrace Add1
25	308706.0179	342067.9090		102+61.24	189.97RT	Fd Rbr:SE L5 B2 Lakeview Terrace Add1
26	308672.8669	342055.5961		102+28.12	177.56RT	Fd Rbr:L6 B2 Lakeview Terrace Add1
42	309302.0739	341826.4195		108+57.99	49.79LT	Fd Rbr:NE L3 Campbell Lake Heights Add9
43	309442.4044	341826.0081		109+98.32	49.79LT	Fd Rbr:NE Tr 6-A Campbell Lake Heights Add9
59	309234.7915	341997.6738		107+90.21	121.27RT	Fd Rbr:NW L3 B1 Lakeview Terrace Add1
60	309250.3510	342043.2988		108+05.64	166.94RT	Fd Rbr:NE L3 B1 Lakeview Terrace Add1
61	309305.4495	342205.5230		108+60.27	329.33RT	Fd Rbr:NE L5 B1 Lakeview Terrace Add1
66	309557.4607	341825.5485		111+13.38	49.92LT	Fd Rbr:NE Tr 6-A Campbell Lake Heights Add9
67	309072.6601	341826.5439		106+28.58	50.33LT	Fd Rbr:NE L2 Campbell Lake Tracts

HORIZONTAL DATUM

Horizontal datum is a local plane coordinate system based on translation parameters developed by the Alaska Department of Transportation to convert from NAD83(92) Alaska state plane grid coordinates.

Basis of Coordinates is a local surface grid coordinate system based on recovered Bowl 2000 monumentation. The coordinate values shown are not Anchorage Bowl 2000 values.

The Basis of Bearings 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 49,488.45 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. NGS Station O'Malley has Anchorage Bowl 2000 coordinates of 303939.2310 N, 353382.5446 E.

Translation Parameters: To convert the local coordinates to NAD83 (92) state plane coordinates, translate using +2296868.6878 N, +1312517.4905 E, and scale using 0.9998910192.

VERTICAL DATUM

Vertical datum is Municipality of Anchorage NGS 1972 adjustment in U.S. Feet. The basis of elevations is "TBM CHURCH" elevation 68.81 Feet. Reference M.O.A. field book No. 3147 page 20.

Additionally M.O.A. benchmark "GAAB 39", Elevation=62.20' was used. Reference M.O.A. field book no. 3147, page 20.

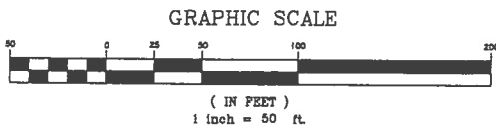
EQUIPMENT & METHODOLOGY

The GPS surveys were performed using Leica System 500 & 1200 GPS units. All control points were located using static observations with tripod mounted receivers. Conventional surveys were performed using Leica TCR 1105 total stations. Elevations for control points and Temporary Bench Marks were established by running level loops between municipal benchmarks to the control in the surrounding area, using a Wild NA2 Level, and fiberglass level rods.

NOTES:

1. This survey was performed in August, September, October & November 2001, January, March, May, June, October 2002, September 2003, and October 2005 by Lounsbury & Associates, Inc.
2. Coordinates are listed in U.S. survey feet.

BEGINNING OF PROJECT
SI=100+00.00



VERTICAL CONTROL			
NUMBER	NORTHING	EASTING	ELEVATION
TBM 1	309035	341930	31.30'
TBM 2	309049	342119	31.82'
TBM CHURCH	308310	342003	68.81'

TBM 1:
Southeast base bolt of light pole located in the southeast quadrant of the intersection of Victor Road and Olympic Drive. Elevation 31.30 feet.

TBM 2:
Northern most base bolt of light pole located in the southeast quadrant of the intersection of Olympic Drive and Chelotna Circle. Elevation 31.82 feet.

TBM CHURCH:
Northwestern corner of concrete at the northern most door on the northwest face of the church building at 2222 West 100th Avenue. See M.O.A. field book #3147, page 20. Elevation 68.81 feet.

SURVEYOR'S CERTIFICATE

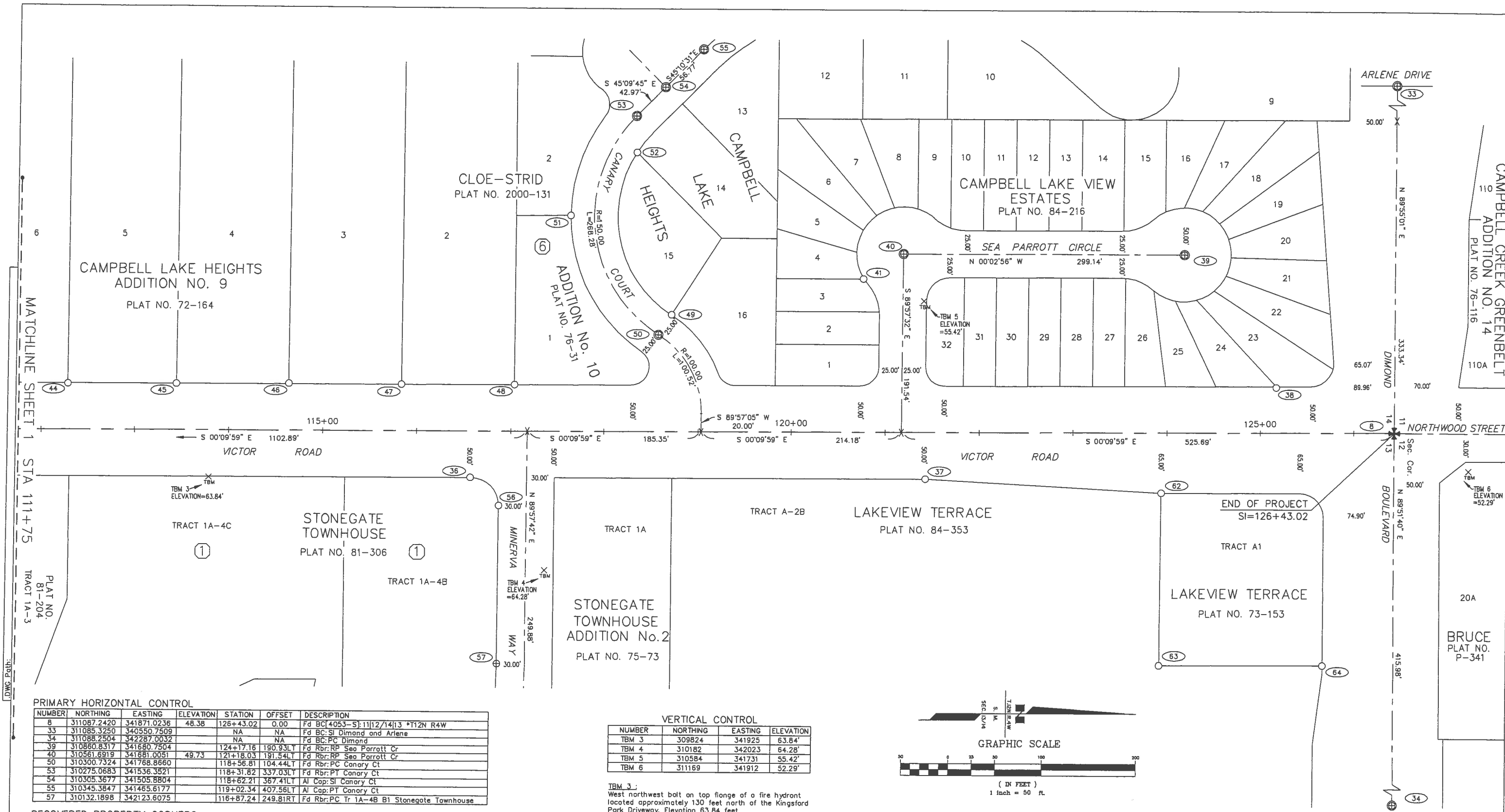
I hereby certify that I am properly Registered and Licensed to practice Land Surveying in the State of Alaska, and that this drawing represents a survey made by me or under my direct supervision, and that the monuments shown hereon actually exist as described, and that all dimensions and other details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

Kenneth W. Ayers LS-8535 1/14/2009



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Sheet
ADOT Project No. 55027
Victor Road - Municipality of Anchorage

Within Sections 11, 12, 13 & 14 T.12N. R.4W. S.M. AK			
DRAWN	JJM/DJB	DATE	1/5/2011
CHECKED	KWA	DATE	2/18/2010
SCALE		1" = 50'	
SHEET		1 OF 2	



PRIMARY HORIZONTAL CONTROL

NUMBER	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
8	311087.2420	341871.0236	48.38	126+43.02	0.00	Fd BC: 4053-S: 11112/14/13 *T12N R4W
33	311085.3250	340550.7509		NA	NA	Fd BC: SI Dimond and Arlene
34	311088.2504	342287.0032		NA	NA	Fd BC: PC Dimond
39	310860.8317	341680.7504		124+17.16	190.93LT	Fd Rbr: RP Sea Parrott Cr
40	310561.6919	341681.0051	49.73	121+18.03	191.54LT	Fd Rbr: RP Sea Parrott Cr
50	310300.7324	341768.8660		118+56.81	104.44LT	Fd Rbr: PC Canary Ct
53	310275.0683	341536.3521		118+31.82	337.03LT	Fd Rbr: PT Canary Ct
54	310305.3677	341505.8804		118+62.21	367.41LT	AI Cap: SI Canary Ct
55	310345.3847	341465.6177		119+02.34	407.56LT	AI Cap: PT Canary Ct
57	310132.1898	342123.6075		116+87.24	249.81RT	Fd Rbr: PC Tr 1A-4B B1 Stonegate Townhouse

RECOVERED PROPERTY CORNERS

NUMBER	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
36	310101.5015	341923.6683		116+57.13	49.78RT	Fd BC: PC Tr 1A-4B B1 Stonegate Townhouse
37	310587.4407	341922.4393		121+43.07	49.96RT	Fd Rbr: Tr A-2B Lakeview Terrace
38	310960.8341	341922.5689		125+16.75	48.82LT	Fd Rbr: SE L23 Campbell Lake View Est
41	310519.2846	341707.9998		120+75.52	164.67LT	Fd Rbr: NW L3 Campbell Lake View Est
44	309672.4086	341825.4432		112+28.33	49.69LT	Fd Rbr: NE L6 Campbell Lake Heights Add9
45	309787.6037	341824.6918		113+43.52	50.10LT	Fd Rbr: NE L5 Campbell Lake Heights Add9
46	309907.5194	341823.7173		114+63.44	50.73LT	Fd Rbr: NE L4 Campbell Lake Heights Add9
47	310027.6266	341823.8255		115+83.55	50.27LT	Fd IP: NE L3 Campbell Lake Heights Add9
48	310147.4487	341823.5583		117+03.37	50.19LT	Fd IP: NE L2 Cloe-Strid
49	310314.3726	341747.5225		118+70.51	125.74LT	Fd Rbr: NE L15 B6 Campbell Lake Heights Add10
51	310208.0468	341642.2450		117+62.49	231.34LT	Fd Rbr: NW L1 B6 Campbell Lake Heights Add10
52	310275.9255	341575.1240		118+32.57	298.25LT	Fd Rbr: SE L14 B6 Campbell Lake Heights Add10
56	310132.0765	341953.8835		116+87.62	80.09RT	Fd Rbr: PC Tr 1A-4B Stonegate Townhouse
62	310836.7030	341936.3947		123+94.29	64.65RT	Fd Rbr: SW Tr A1 Lakeview Terrace
63	310837.9421	342121.8068		123+92.99	250.06RT	Fd Rbr: SE Tr A1 Lakeview Terrace
64	311012.8548	342121.2122		125+67.91	249.97RT	Fd Rbr: NE Tr A1 Lakeview Terrace

VERTICAL CONTROL

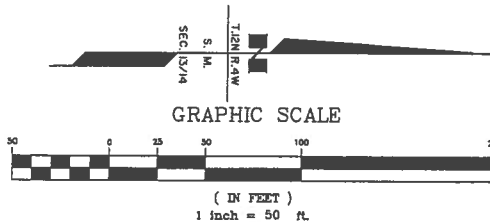
NUMBER	NORTHING	EASTING	ELEVATION
TBM 3	309824	341925	63.84'
TBM 4	310182	342023	64.28'
TBM 5	310584	341731	55.42'
TBM 6	311169	341912	52.29'

TBM 3:
West northwest bolt on top flange of a fire hydrant located approximately 130 feet north of the Kingsford Park Driveway. Elevation 63.84 feet.

TBM 4:
West northwest bolt on top flange of a fire hydrant located along the north side of Minerva Street approximately 150 feet east of the intersection of Victor Road. Elevation 64.28 feet.

TBM 5:
Northeast bolt on the top flange of a fire hydrant located approximately 150 feet west of Victor Road on the north side of Sea Parrott Circle. Elevation 55.42 feet.

TBM 6:
Northeast bolt on the top flange of a fire hydrant located in the northeast quadrant of Dimond Boulevard and the intersection of Victor Road. Elevation 52.29 feet.



LEGEND

- 6 5
7 8
GOV'T SECTION CORNER
- MISC. SECONDARY CORNER
- ⊕ PRIMARY CENTERLINE MONUMENT
- ⊕ PRIMARY MONUMENT [BRASS/AL CAP]
- X COMPUTED POINT, NOTHING SET
- T&E TELECOMMUNICATION & ELECTRIC
- ESMT. EASEMENT
- X TBM TEMPORARY BENCH
- ### POINT NUMBER



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
Survey Control Sheet

ADOT Project No. 55027
Victor Road - Municipality of Anchorage

Within Sections 11, 12, 13 & 14 T.12N. R.4W. S.M. AK

DRAWN	JJM/DJB	DATE	1/5/2011	SCALE	1" = 50'
CHECKED	KWA	DATE	2/18/2010	SHEET	2 OF 2

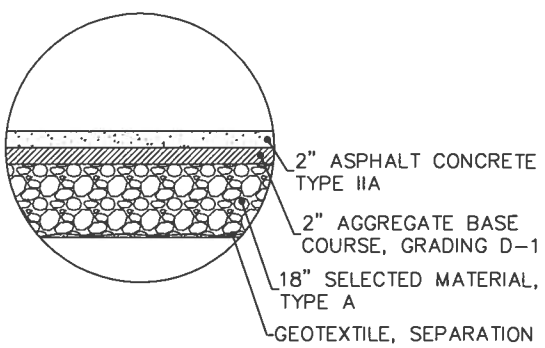
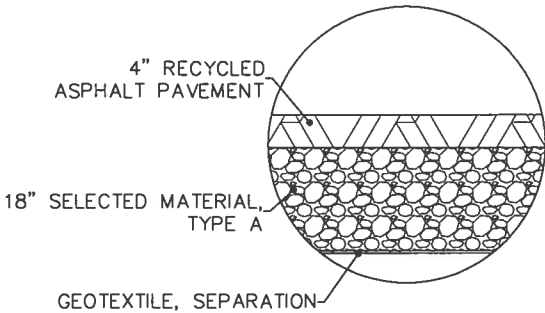
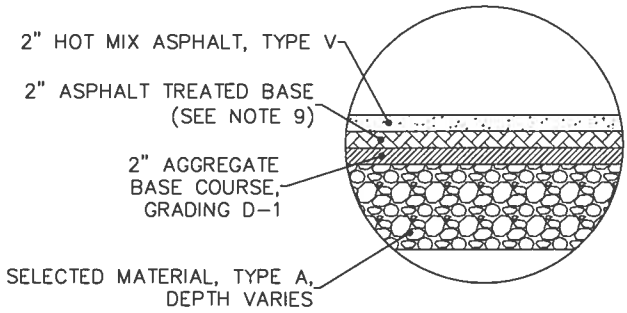
LOUNSBURY PROJECT NUMBER: XX-XX
COMPUTER DESIGNATION: T:\Project\2001\01-046_B-2009\ENG\DELIVER\Plot-Check\B1_Typical_Sections_B1.dwg
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: J.B. dwg
DRAFTED BY: J.C.
04.18.2011 2:26
PLOTTED BY: Tom Garrett

CERTIFICATION SET

GENERAL NOTES

- THESE NOTES APPLY TO ALL TYPICAL SECTIONS.
- CLEARING LIMITS SHALL NOT EXTEND OUTSIDE THE ROW.
- FOLLOWING CLEARING AND GRUBBING OPERATIONS, PLACE 2-INCH COMPOST BLANKET ON ALL DISTURBED AREAS AS SOON AS PRACTICABLE.
- ALL UTILITIES SHOWN ARE FOR GRAPHICAL REFERENCE ONLY AND ARE NOT INTENDED TO DEPICT ACTUAL LOCATIONS. UTILITY LOCATIONS AND DEPTHS VARY AND UTILITIES MAY, OR MAY NOT, BE WITHIN THE STRUCTURAL SECTION REGARDLESS OF THE LOCATION OR DEPTH INDICATED.
- GRADE VEGETATED SWALES TO DRAIN.
- STRIP ORGANICS FROM EXISTING SHOULDER BEFORE FILLING WITH EMBANKMENT MATERIAL
- TRANSITION AT A RATE OF 10H:1V BETWEEN VARYING DEPTHS OF SELECTED MATERIAL. SEE PROFILES FOR ADDITIONAL INFORMATION.
- DRIVEWAY MATCH POINTS TO BE DETERMINED BY ENGINEER.
- EXTEND ASPHALT TREATED BASE TO BACK OF CURB RETURN ALONG ALL SIDE STREETS.
- SEE STRIPING PLANS FOR LANE AND SHOULDER WIDTHS.

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	B1	B4



100TH AVENUE &
VICTOR ROAD STA 100+57 TO STA 121+20
2 B1 NTS

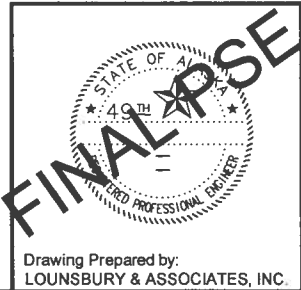
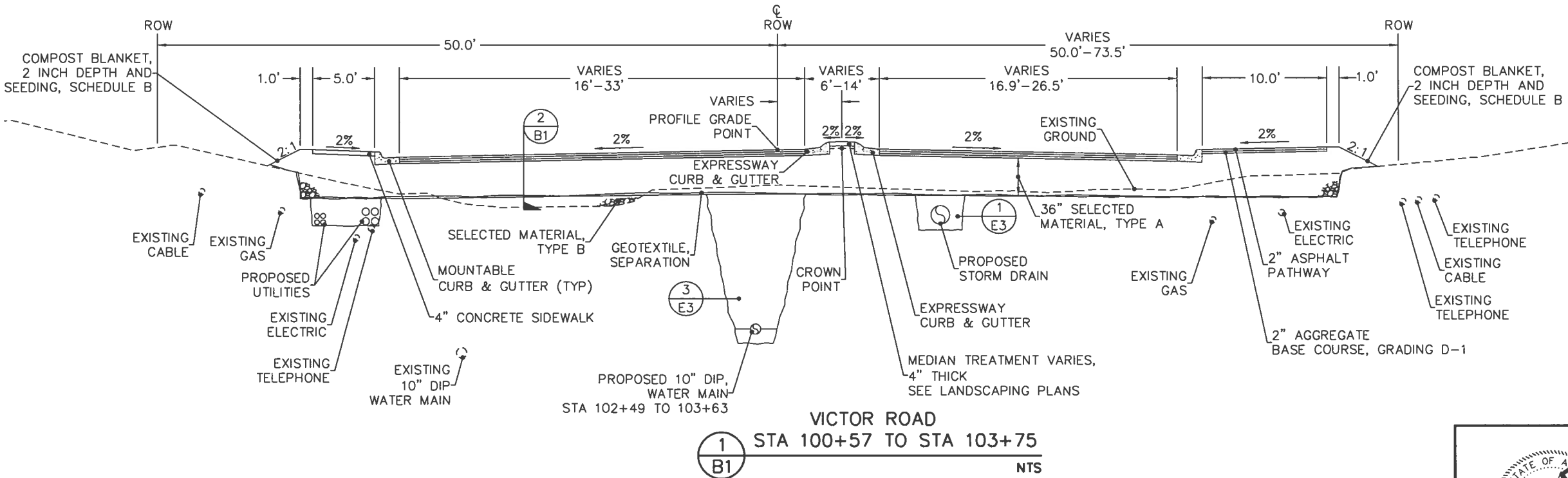
3 UNPAVED DRIVEWAY SECTION
B1 NTS

4 PAVED DRIVEWAY SECTION
B1 NTS

STATION	TO	STATION	OFFSET	SLOPE TYPE
100+90		101+25	RT	FILL
101+25		101+40	RT	TRANSITION
101+40		101+60	RT	CUT
103+70		105+00	LT	FILL
103+85		104+50	RT	FILL
107+65		107+90	RT	FILL
109+50		110+70	RT	CUT

WARP SLOPE AS NEEDED TO CATCH 1 FOOT INSIDE ROW

5 SLOPE VARIATION TABLE
B1 NTS



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

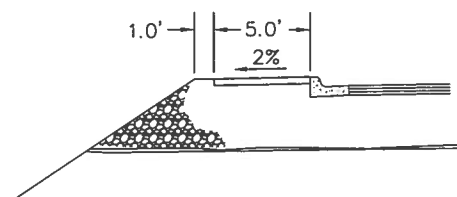
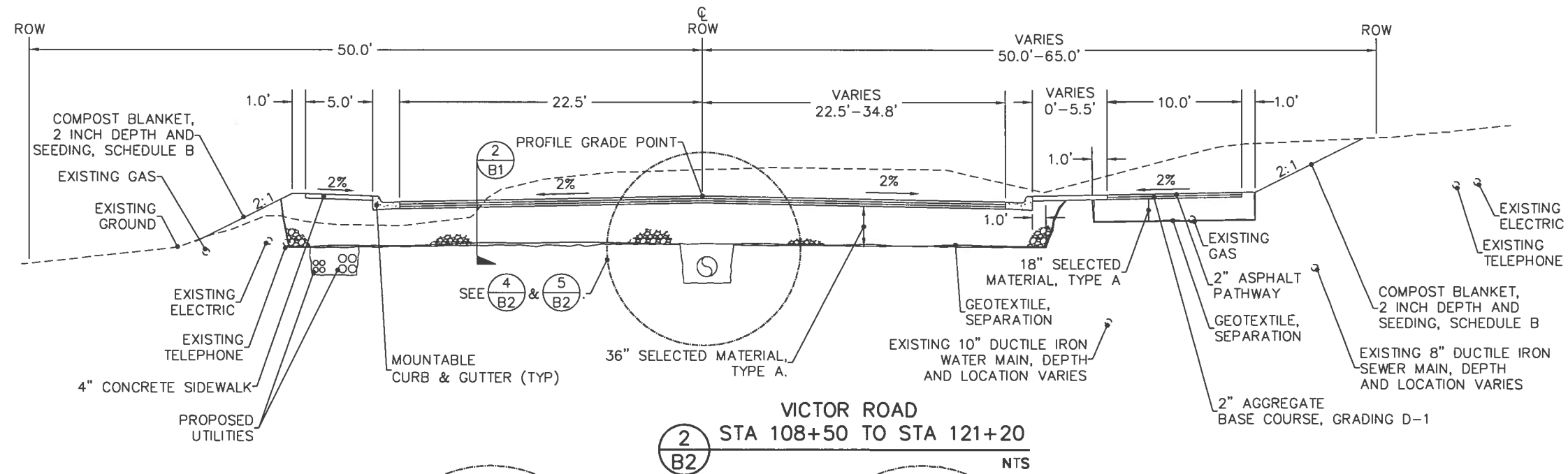
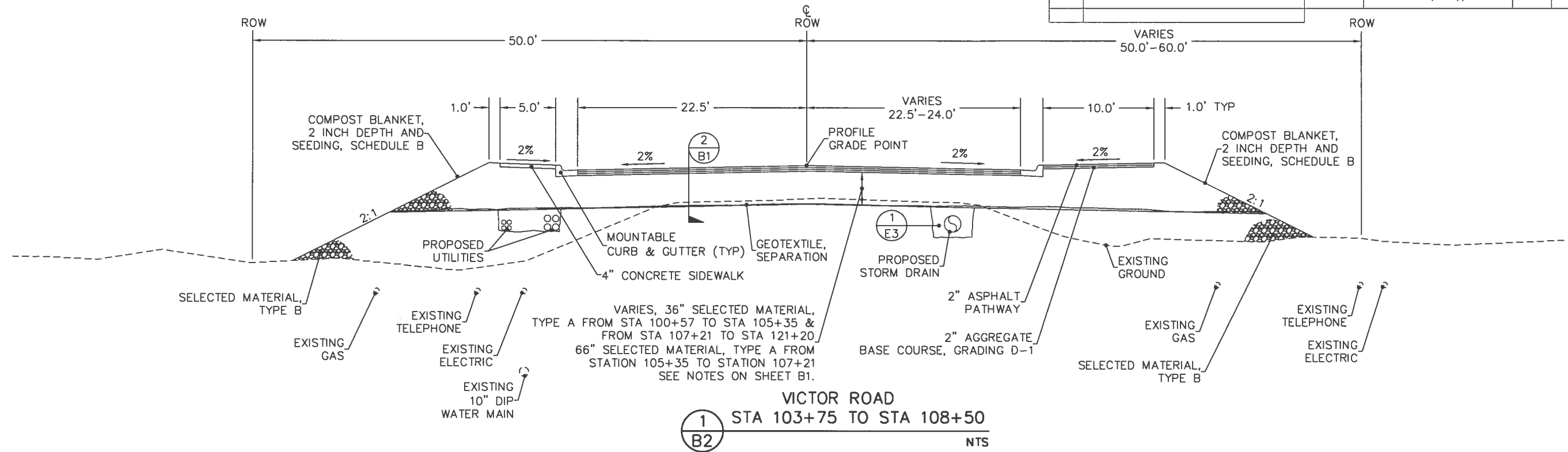
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
TYPICAL SECTIONS

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

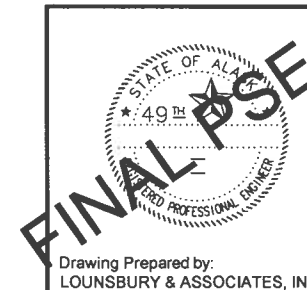
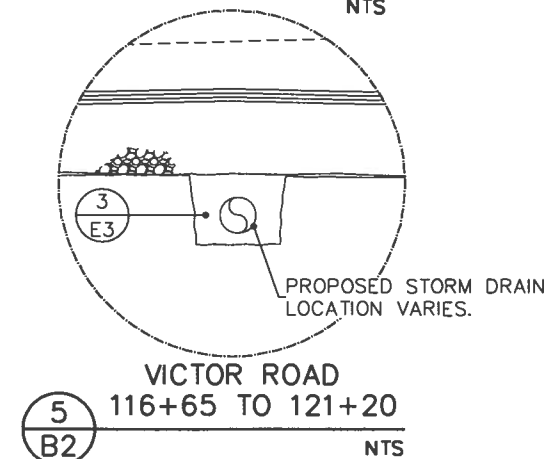
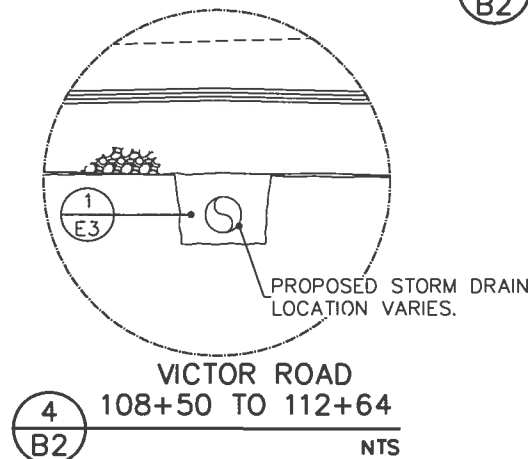
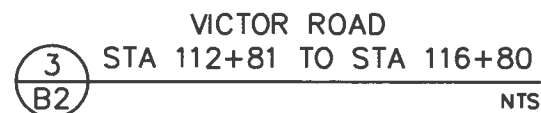
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PLOTTED BY: Tom Garretl

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	B2	B4



TRANSITION SIDEWALK TO REVERSE GRADE OVER 12 FEET.



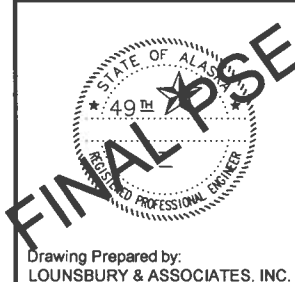
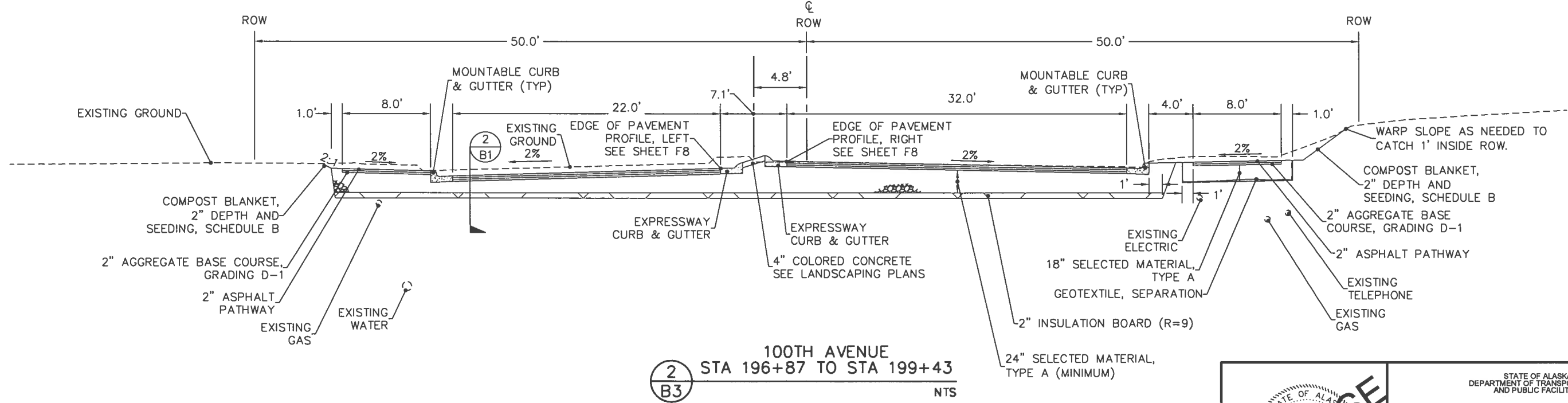
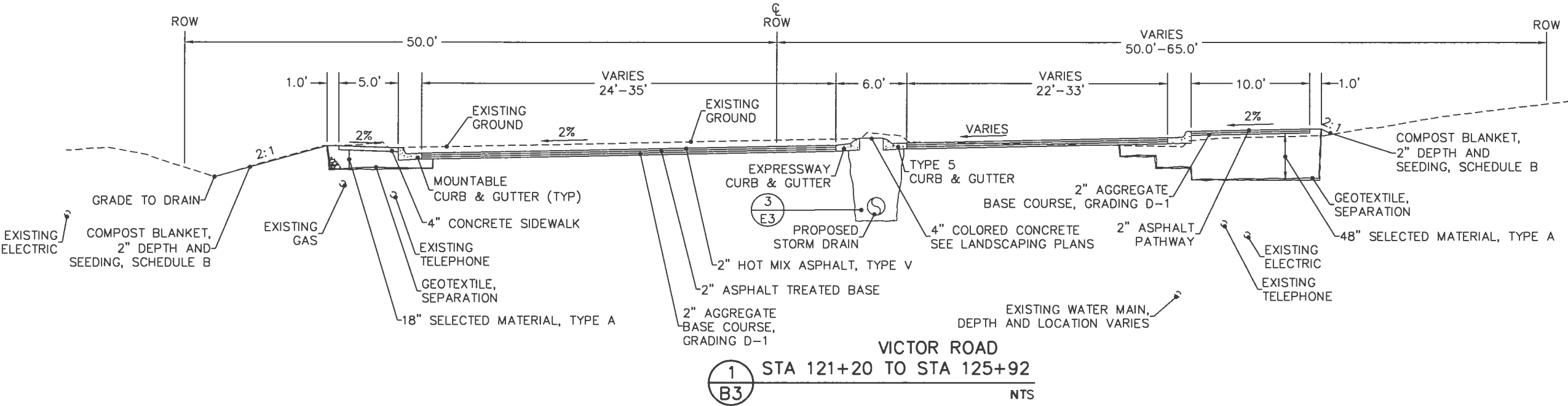
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
TYPICAL SECTIONS**

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CHECKED BY: B3
DRAFTED BY: XX
04.18.2011 2:26
PLOTTED BY: Tom Garrett

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	B3	B4



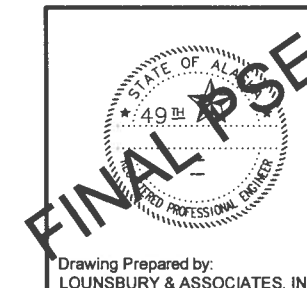
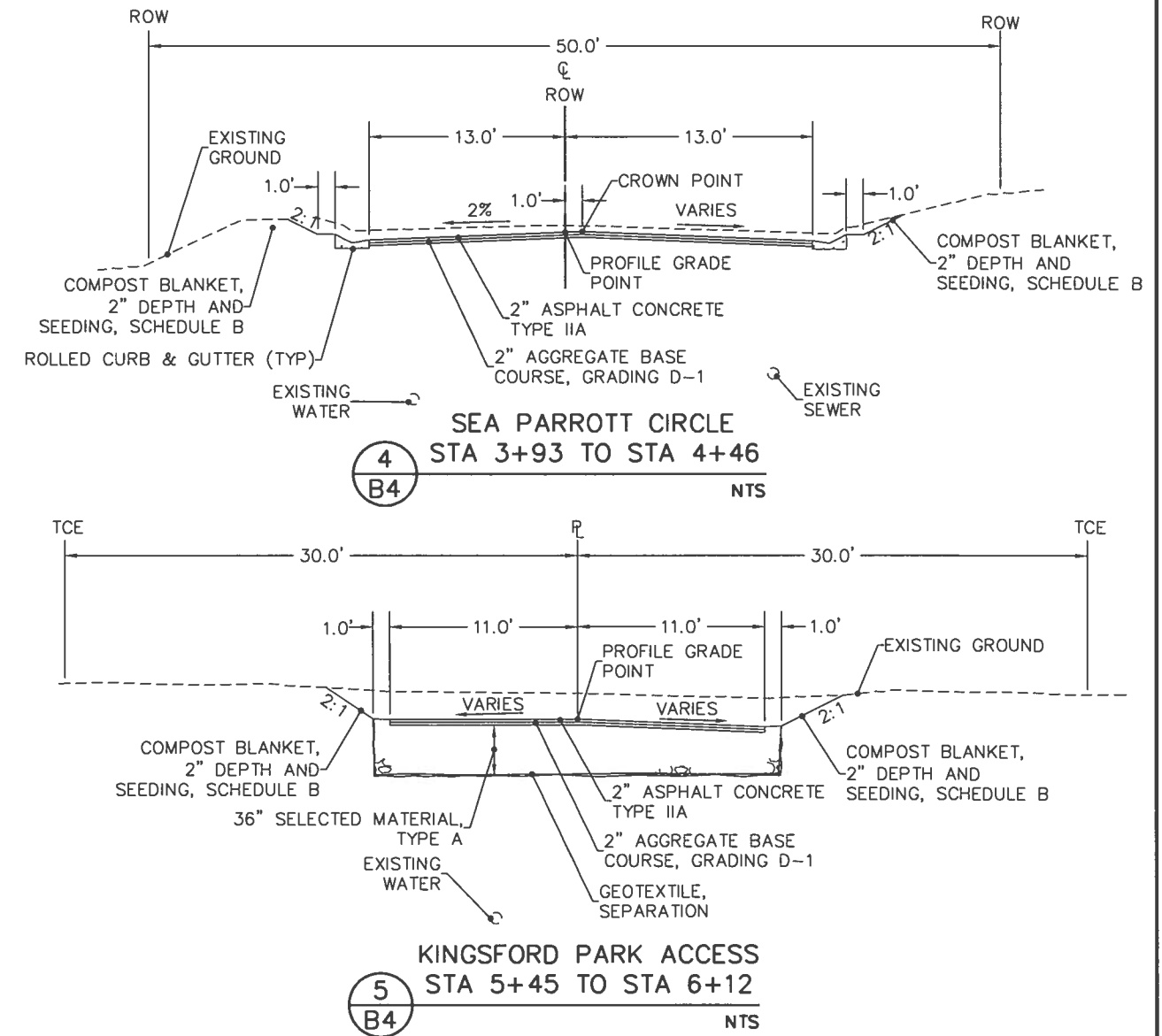
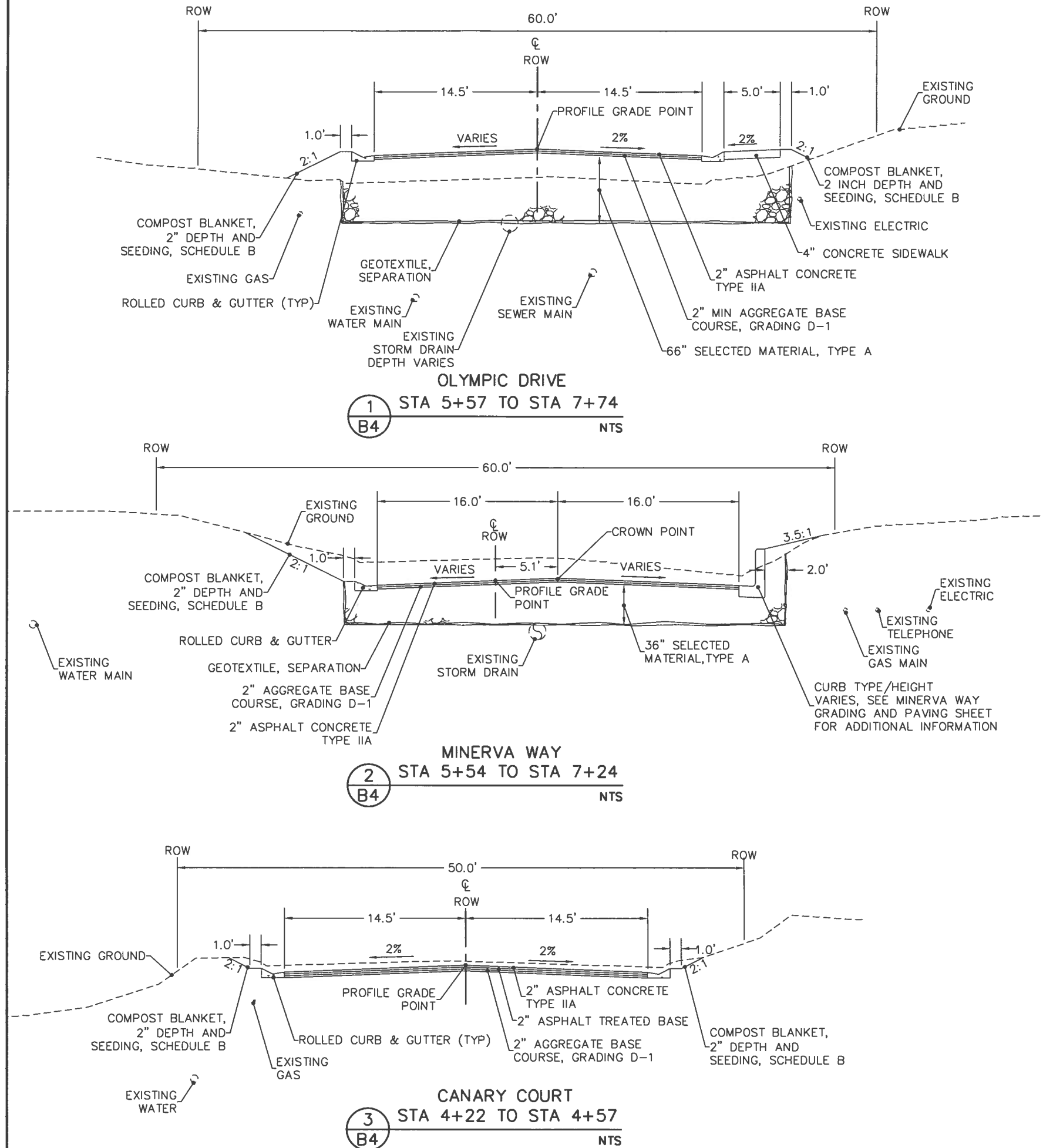
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
TYPICAL SECTIONS

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04.18.2011 2:26
Tom Garrett

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	B4	B4



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
TYPICAL SECTIONS

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

LOUNSBURY PROJECT NUMBER: 01-044-B
COMPUTER DESIGNATION: T1, Project0200101-044_B-20080ENG_DELIVER1_ProcBld-CheckC_ESTIMATE_PLOT_BID-CHECK_01-044B_4pg-Checked BY: 04.18.2011 2:25
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: DRAFTED BY: PLOTTED BY: Tom Gerritt

CERTIFICATION SET

Item No.	Pay Item	Pay Unit	Quantity
201(3B)	CLEARING AND GRUBBING	LUMP SUM	ALL REQ'D
202(1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQ'D
202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	25774
202(3)	REMOVAL OF SIDEWALK	SQUARE YARD	331
202(4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	1217
202(6)	REMOVAL OF MANHOLE	EACH	4
202(7)	REMOVAL OF JUNCTION BOX	EACH	22
202(8)	REMOVAL OF INLET	EACH	5
202(9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	5032
202(10)	SINGLE MAIL BOX INSTALLATION	EACH	4
203(3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	44000
203(6A)	BORROW, TYPE A	TON	80000
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	2950
301(3)	AGGREGATE SURFACE COURSE	TON	220
306(1)	ATB	TON	2260
306(2)	ASPHALT CEMENT, TYPE PG 52-28	TON	12
401(1A)	HOT MIX ASPHALT, TYPE II; CLASS A	TON	380
401(2)	ASPHALT CEMENT, GRADE PG 52-28	TON	21
401(3)	HOT MIX ASPHALT, TEMPORARY, TYPE II; CLASS B	TON	600
401(6)	ASPHALT PRICE ADJUSTMENT - QUALITY	CONTINGENT SUM	ALL REQ'D
401(10)	ASPHALT MATERIAL PRICE ADJUSTMENT - UNIT PRICE	CONTINGENT SUM	ALL REQ'D
408(1)	HOT MIX ASPHALT, TYPE V	TON	2260
408(2)	ASPHALT CEMENT, GRADE PG 64-34	TON	125
408(6)	ASPHALT PRICE ADJUSTMENT - QUALITY	CONTINGENT SUM	ALL REQ'D
408(9)	LONGITUDINAL JOINT ADHESIVE	LINEAR FOOT	3430
408(10)	ASPHALT MATERIAL PRICE ADJUSTMENT - UNIT PRICE	CONTINGENT SUM	ALL REQ'D
501(4)	CLASS A CONCRETE	CUBIC YARD	28
514(2)	ANTI-GRAFFITI PROTECTION	SQUARE FOOT	330
603(21-12)	12 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	516
603(21-18)	18 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	994
604(1A)	STORM SEWER MANHOLE, TYPE I	EACH	16
604(1B)	STORM SEWER MANHOLE, TYPE II	EACH	6
604(3)	RECONSTRUCT EXISTING MANHOLE	EACH	8
604(4)	ADJUST EXISTING MANHOLE	EACH	6
604(10)	PRECAST CATCH BASIN	EACH	20
604(14A)	STORM SEWER MANHOLE, TYPE II with OIL/GRIT SEPARATOR	EACH	1
604(14B)	OIL/GRIT SEPARATOR	EACH	1
604(23)	BYPASS STRUCTURE	EACH	2
605(6-12)	12 INCH PERFORATED CORRUGATED POLYETHYLENE PIPE FOR UNDERDRAIN	LINEAR FOOT	337
605(6-18)	18 INCH PERFORATED CORRUGATED POLYETHYLENE PIPE FOR UNDERDRAIN	LINEAR FOOT	1291
605(5)	POROUS BACKFILL MATERIAL	CUBIC YARD	350
605(8)	ADJUST EXISTING UNDERDRAIN CLEANOUT	EACH	3
607(3)	CHAIN LINK FENCE	LINEAR FOOT	44
607(4)	RECONSTRUCTED FENCE	LINEAR FOOT	622
607(5)	DRIVE GATE	EACH	1
608(1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	1300
608(1B)	CONCRETE SIDEWALK, 6 INCHES THICK	SQUARE YARD	175
608(6)	CURB RAMP	EACH	26
608(7)	ASPHALT PATHWAY	TON	350
608(10)	DETECTABLE WARNING TILE	EACH	23
608(28)	COLORLED CONCRETE, 4 INCHES THICK	SQUARE YARD	220
609(2A)	CURB AND GUTTER, ALL TYPES	LINEAR FOOT	9238
615(1)	STANDARD SIGN	SQUARE FOOT	570
618(4A)	SEEDING, SCHEDULE A	LUMP SUM	ALL REQ'D
618(4B)	SEEDING, SCHEDULE B	LUMP SUM	ALL REQ'D
618(4C)	SEEDING, SCHEDULE C	LUMP SUM	ALL REQ'D
619(3)	COMPOST BLANKET, 2 INCH DEPTH	SQUARE YARD	7,600

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	C1	C1

Item No.	Pay Item	Pay Unit	Quantity
621(1A)	TREE, PAPER BIRCH (BETULA PAPYRIFERA), 2-INCH CALIPER	EACH	16
621(2A)	SHRUB, ALPINE CURRANT (RIBES ALPINUM), 24 INCHES TALL	EACH	15
621(2B)	SHRUB, HEDGE COTONEASTER (COTONEASTER LUCIDUS), 24 INCHES TALL	EACH	32
621(8E)	ROCK MULCH, 8 INCHES THICK	LUMP SUM	ALL REQ'D
626(3)	ADJUST SANITARY SEWER CLEANOUT	EACH	1
626(6)	ABANDON SANITARY SEWER SERVICE	EACH	1
627(1-10)	10 INCH DUCTILE IRON WATER CONDUIT, CLASS 52	LINEAR FOOT	134
627(9-10)	INSTALL 10 INCH GATE VALVE	EACH	2
627(10)	ADJUSTMENT OF VALVE BOX	EACH	14
627(11)	FURNISH AND INSTALL GALVANIC BAG ANODE	EACH	10
627(13)	ABANDON PIPELINE IN PLACE	LINEAR FOOT	103
627(14)	WATERLINE RECORD DRAWINGS	LUMP SUM	ALL REQ'D
627(24)	ABANDON WATER SERVICE	EACH	0
630(1)	GEOTEXTILE, SEPARATION	SQUARE YARD	31400
631(1)	GEOTEXTILE, DRAINAGE, CLASS II	SQUARE YARD	2250
635(2)	INSULATION BOARD	SQUARE FOOT	20600
639(6)	APPROACHES	EACH	16
616(4)	THAW WIRE INSTALLATION	EACH	1
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D
641(1)	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D
641(2)	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQ'D
641(6)	SWPPP PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQ'D
642(3)	THREE PERSON SURVEY PARTY	HOURL	40
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQ'D
643(23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQ'D
644(1)	FIELD OFFICE	LUMP SUM	ALL REQ'D
647(1)	WIDE PAD DOZER, 65 HP MIN	CONTINGENT SUM	ALL REQ'D
660(1A)	TRAFFIC SYSTEM COMPLETE	LUMP SUM	ALL REQ'D
660(1D)	REMOVAL OF ABANDONED TRAFFIC SIGNAL SYSTEM	LUMP SUM	ALL REQ'D
660(3A)	STREET LIGHTING SYSTEM COMPLETE	LUMP SUM	ALL REQ'D
660(14A)	TEMPORARY ELECTROLIER	CONTINGENT SUM	ALL REQ'D
660(18)	ADJUST JUNCTION BOX	EACH	3
660(22)	ILLUMINATION PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
670(10)	MMA PAVEMENT MARKINGS	LUMP SUM	ALL REQ'D
681(1)	CONDUIT INSTALLATION	LUMP SUM	ALL REQ'D
681(2)	VAULT INSTALLATION	LUMP SUM	ALL REQ'D
681(20)	DUCT AND VAULT AS-BUILTS	LUMP SUM	ALL REQ'D
682(2)	VAC-TRUCK POTHOLING	HOURL	40

TABLE OF ESTIMATING FACTORS		
ITEM NO.	DESCRIPTION	ESTIMATING FACTOR
203(6A)	BORROW, TYPE A	150 lb/ft ³
301(1)	AGGREGATE BASE COURSE, GRADING D-1	148 lb/ft ³
306(1)	ATB	150 lb/ft ³ or 12.5 lb/sf*in
306(2)	ASPHALT CEMENT, TYPE PG 52-28	0.5% Weight of ATB
401(1)	HOT MIX ASPHALT, TYPE II; CLASS A	150 lb/ft ³ or 12.5 lb/sf*in
401(2)	ASPHALT CEMENT, GRADE PG 52-28	5.5% Weight of Type II, Class A
401(3)	HOT MIX ASPHALT, TEMPORARY, TYPE II; CLASS B	150 lb/ft ³ or 12.5 lb/sf*in
408(1)	HOT MIX ASPHALT, TYPE V	150 lb/ft ³ or 12.5 lb/sf*in
408(2)	ASPHALT CEMENT, GRADE PG 64-34	5.5% Weight of HMA, Type V
608(7)	ASPHALT PATHWAY	150 lb/ft ³ or 12.5 lb/sf*in

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

49th

SEAL

REGISTERED PROFESSIONAL ENGINEER

FINAL

PSE

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
ESTIMATE OF QUANTITIES

LOUNSBURY PROJECT NUMBER: XX-32X
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DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: [Redacted]
DRAFTED BY: [Redacted]
04.18.2011 11:17
PLOTTED BY: Tom Garrett

CERTIFICATION SET

202(1) REMOVAL OF STRUCTURES AND OBSTRUCTIONS

SHEET	STATION	OFFSET	DESCRIPTION
F1	100TH AVE STA. 198+77	-	36" CMP-COORDINATE WORK WITH CEA
F3	VICTOR ROAD STA. 110+84	LT	ROCK WALLS AND LANDSCAPING

202(2) REMOVAL OF PAVEMENT

STATION	TO	STATION	AREA (Sq Yd)	REMARKS
98+97		125+92	18290	MAINLINE FROM 100 TH AVENUE TO DIMOND BOULEVARD INCLUDING SIDE STREETS
98+97		99+59	263	PATHWAY - WEST SIDE OF VICTOR, SOUTH SIDE OF 100 TH AVENUE
99+25		99+59	67	PATHWAY - SE CORNER VICTOR ROAD/100 TH AVENUE
100+37		100+42	20	PATHWAY - NORTH SIDE OF 100 TH AVENUE
100+60		105+96	425	PATHWAY - EAST SIDE OF VICTOR ROAD BETWEEN 100 TH AVENUE AND OLYMPIC DRIVE
106+36		112+19	488	PATHWAY - EAST SIDE OF VICTOR ROAD BETWEEN OLYMPIC DRIVE AND KINGSFORD PARK ACCESS
112+42		116+92	371	PATHWAY - EAST SIDE OF VICTOR ROAD BETWEEN KINGSFORD PARK ACCESS AND MINERVA DRIVE
117+32		118+79	142	PATHWAY - EAST SIDE OF VICTOR ROAD BETWEEN MINERVA DRIVE AND FRED MEYER ACCESS
119+25		120+93	183	PATHWAY - EAST SIDE OF VICTOR ROAD BETWEEN FRED MEYER ACCESSES
121+46		125+83	469	PATHWAY - EAST SIDE OF VICTOR ROAD BETWEEN FRED MEYER ACCESS AND DIMOND BOULEVARD
126+84		127+18	222	PATHWAY AND DIMOND BOULEVARD - CONSTRUCT OIL AND GRIT SEPARATOR
101+00		126+00	6111	REMOVAL OF TEMPORARY ROADWAY - 22' x 2500'

202(3) REMOVAL OF SIDEWALK

STATION	TO	STATION	AREA (Sq Yd)	REMARKS
99+40		100+61	78	CURB RAMPS AND SIDEWALK - SE, NE, AND SW CORNERS 100 TH AVENUE/VICTOR ROAD INTERSECTION
100+39		100+39	125	CURB RAMP AND SIDEWALK - NW CORNER 100 TH AVENUE/VICTOR ROAD INTERSECTION
105+96		106+43	74	SIDEWALK - SOUTH SIDE OLYMPIC DRIVE
125+54		125+89	54	CURB RAMPS - SE AND SW CORNERS DIMOND BOULEVARD/VICTOR ROAD INTERSECTION

202(9) REMOVAL OF CURB AND GUTTER

ALIGNMENT	STATION	OFFSET	TO	STATION	OFFSET	LENGTH	REMARKS
VICTOR ROAD	99+12	7 LT		99+23	4 LT	63	PARTIAL REMOVAL OF VICTOR ROAD MEDIAN
"	99+28	33 LT		99+68	282 LT	272	-
"	99+27	33 RT		99+67	93 RT	83	-
"	100+02	53 LT		100+02	53 LT	470	MEDIAN
"	99+91	71 RT		99+98	71 RT	44	PARTIAL REMOVAL OF 100TH AVENUE MEDIAN (RT)
"	100+33	280 LT		101+59	32 LT	359	-
"	100+54	2 RT		100+54	2 RT	236	MEDIAN
"	100+32	102 RT		101+60	33 RT	180	-
OLYMPIC DRIVE	5+55	14 LT		7+74	14 LT	215	-
"	5+56	15 RT		5+56	15 RT	143	-
"	7+10	48 RT		7+74	15 RT	88	-
MINERVA WAY	5+50	22 RT		7+24	21 RT	174	-
"	5+50	13 LT		7+24	13 LT	174	-
CANARY COURT	4+13	15 RT		4+43	15 RT	26	-
"	4+30	14 LT		4+37	14 LT	9	-
VICTOR ROAD	118+81	54 RT		118+81	100 RT	45	PARKING LOT CURB
"	119+11	52 RT		119+11	52 RT	35	"
"	119+12	46 RT		121+01	58 RT	221	-
"	120+82	58 RT		121+01	58 RT	54	PARKING LOT CURB
"	121+40	80 RT		121+32	64 RT	28	"
"	121+32	64 RT		125+87	78 RT	495	-
"	121+04	105 LT		121+04	67 LT	38	-
"	121+32	107 LT		125+88	64 LT	536	-
"	121+57	5 RT		121+57	5 RT	856	MEDIAN
"	123+89	50 RT		123+99	72 RT	31	PARKING LOT CURB
"	124+32	65 RT		124+81	52 RT	65	"
"	125+12	52 RT		125+77	82 RT	83	"
DIMOND BLVD	127+09	156 LT		127+03	91 LT	65	-

202(7) REMOVAL OF JUNCTION BOX

STATION	OFFSET
99+20	5 LT
99+41	40 RT
99+44	5 LT
99+50	49 RT
99+59	61 LT
99+95	87 RT
99+95	57 RT
100+05	56 LT
100+05	86 LT
100+50	46 RT
100+55	42 LT
100+57	42 LT
100+62	5 RT
100+88	33 LT
100+91	5 RT
102+41	38 RT
119+81	24 RT
121+39	49 RT
122+91	43 RT
124+30	43 RT
125+43	1 LT
125+73	1 LT

REFER TO ELECTRICAL PLANS

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	D1	D3

202(4) REMOVAL OF CULVERT PIPE

STATION	OFFSET	TO	STATION	OFFSET	LENGTH	REMARKS
100+18	5 RT		102+20	4 RT	202	STORM DRAIN PIPE
102+20	4 RT		102+85	26 LT	73	"
105+33	27 RT		106+19	58 RT	92	"
106+10	164 RT		106+17	155 RT	12	"
106+17	155 RT		106+41	151 RT	25	"
110+62	15 LT		111+04	16 LT	43	CULVERT PIPE
112+10	31 RT		112+50	31 RT	40	"
116+82	27 RT		117+46	27 RT	65	"
118+67	29 RT		121+44	48 LT	288	"
124+01	40 LT		124+21	40 LT	21	"
124+21	40 LT		125+52	41 RT	154	"
124+59	40 RT		125+52	41 RT	93	STORM DRAIN PIPE
125+54	34 LT		125+52	41 RT	75	"
125+52	41 RT		125+81	58 RT	34	"

202(6) REMOVAL OF MANHOLE

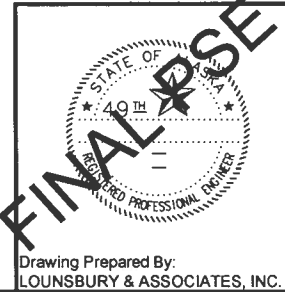
STATION	OFFSET	REMARKS
100+18	5 RT	SDMH
102+20	4 RT	"
125+52	41 RT	"
125+81	58 RT	"

202(8) REMOVAL OF INLET

STATION	OFFSET
106+10	164 RT
106+41	151 RT
124+59	41 RT
125+53	0 RT
125+54	34 LT

202(10) SINGLE MAIL BOX INSTALLATION

STATION	OFFSET	LEGAL DESCRIPTION
106+39	143 RT	LOT 2 LAKEVIEW TERRACE ADDITION No. 1
106+62	220 RT	LOT 3 LAKEVIEW TERRACE ADDITION No. 1
119+05	77 LT	LOT 16 CAMPBELL LAKE HEIGHTS
121+02	92 LT	LOT 1 CAMPBELL LAKE VIEW ESTATES



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

SUMMARY SHEET

LOUNSBURY PROJECT NUMBER: XX-XXX
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COMPUTER DESIGNATION: 04.18.2011 1:17
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY:
DRAFTED BY:

CERTIFICATION SET

33

501(4) CLASS A CONCRETE	
DESCRIPTION	VOLUME (CUBIC YARD)
CAST-IN-PLACE RETAINING WALL - REFER TO ADOT&PF STANDARD DETAILS B-04.00 AND B-05.00 AND DRAWINGS G11 AND G12	15
CAST-IN-PLACE CURB TYPE RETAINING WALL - REFER TO SHEET G6	13

604(3) RECONSTRUCT EXISTING MANHOLE			
STATION	OFFSET	TYPE	REMARKS
106+10	11 LT	SS	RAISE RIM 4.6 FT +
106+17	155 RT	SD	CONNECT TO EXISTING MANHOLE
106+19	58 RT	SD	CONNECT TO EXISTING MANHOLE/RAISE RIM 2.6 FT +
106+78	30 RT	SD	RAISE RIM 6.4 FT +
107+43	16 LT	SS	RAISE RIM 3.8 FT +
107+47	171 LT	SS	RAISE RIM 3.1 FT +
107+64	49 RT	SS	RAISE RIM 1.2 FT +
117+14	91 RT	SD	LOWER RIM 1.7 FT +

38

604(4) ADJUST EXISTING MANHOLE		
STATION	OFFSET	TYPE
99+41	3 RT	SDMH
106+10	197 RT	SSMH
106+39	195 RT	SDMH
109+64	44 RT	SSMH
110+92	44 RT	SSMH
120+92	63 RT	SDMH

40

605(8) ADJUST UNDERDRAIN CLEANOUT	
STATION	OFFSET
99+37	26 LT
99+64	46 LT
99+64	38 RT

32

STATION	OFFSET	TYPE	DETAIL	REMARKS
99+45	LT	PERPENDICULAR	I-22.01	
99+47	RT	PERPENDICULAR	I-22.01	
99+63	LT	PERPENDICULAR	I-22.01	
99+66	RT	PERPENDICULAR	I-22.01	
100+35	RT	PARALLEL	I-21.01	
100+38	LT	PARALLEL	I-21.01	
100+53	LT	PARALLEL	I-21.01	
100+50	RT	PARALLEL	I-21.01	
103+41	LT	PARALLEL	I-21.01	NO DETECTABLE WARNING
105+89	RT	PARALLEL	I-21.01	
106+43	RT	UNIDIRECTIONAL	REFER TO E SHEETS	
112+11	RT	UNIDIRECTIONAL	REFER TO E SHEETS	NO DETECTABLE WARNING
112+49	RT	UNIDIRECTIONAL	REFER TO E SHEETS	NO DETECTABLE WARNING
116+82	RT	UNIDIRECTIONAL	REFER TO E SHEETS	
117+42	RT	UNIDIRECTIONAL	REFER TO E SHEETS	
118+61	LT	PARALLEL	I-21.01	
118+68	RT	UNIDIRECTIONAL	REFER TO E SHEETS	NO DETECTABLE WARNING
119+27	RT	UNIDIRECTIONAL	REFER TO E SHEETS	NO DETECTABLE WARNING
119+34	LT	PARALLEL	I-21.01	
120+90	LT	PARALLEL	I-21.01	
120+92	RT	PERPENDICULAR	I-22.01	NO DETECTABLE WARNING
121+44	RT	UNIDIRECTIONAL	REFER TO E SHEETS	NO DETECTABLE WARNING
121+47	LT	PARALLEL	I-21.01	
125+69	RT	PERPENDICULAR	I-22.01	
215+70	LT	PARALLEL	I-21.01	
125+86	LT	PARALLEL	I-21.01	

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	D2	D3

607(3) CHAIN LINK FENCE							
SHEET	STATION	OFFSET	TO	STATION	OFFSET	LENGTH	COMMENT
G11	106+45	49 RT		106+70	49 RT	44	CONSTRUCT 4' HIGH CHAIN LINK FENCE ON TOP OF RETAINING WALL

16

607(4) RECONSTRUCTED FENCE							REMARKS
SHEET	STATION	OFFSET	TO	STATION	OFFSET	LENGTH	
G2	103+28	61.9 RT		103+86	61.9 RT	58	REMOVE & RESET EXISTING FENCE
G2-G3	104+48	61.0 RT		105+94	162.0 RT	235	"
G3-G4	106+30	51.0 LT		107+35	51.0 LT	106	"
G4	107+68	51.0 LT		109+71	51.0 LT	203	"
G6	*6+01	28.0 LT		6+11	28.3 LT	10	"
G6	*6+29	28.9 LT		6+39	29.2 LT	10	"

* MINERVA WAY STATIONING

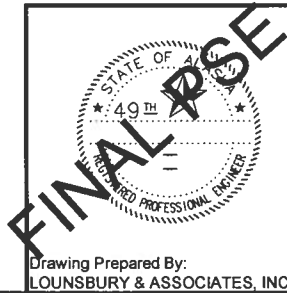
16

REMOVE & SALVAGE FENCE					subsidary to 607(4)
STATION	TO	STATION	OFFSET	LENGTH	
103+28		103+86	RT	58	
104+48		105+95	RT	254	
106+30		109+71	LT	342	
*6+01		6+11	LT	10	
*6+29		6+39	LT	10	

* MINERVA WAY STATIONING

15

607(5) DRIVE GATE						
SHEET	STATION	OFFSET	TO	STATION	OFFSET	LENGTH
G4	107+35	51 LT		107+68	51 LT	33



Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
SUMMARY SHEET

LOUNSBURY PROJECT NUMBER: XX-300
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DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: Tom Garrett
DRAFTED BY: 04.18.2011 1:17
COMPUTER DESIGNATION: PLOTTED BY:

CERTIFICATION SET

609(2A) CURB AND GUTTER, ALL TYPES

STATION	OFFSET	TO	STATION	OFFSET	LENGTH	DESCRIPTION
99+12.4	6.6 LT		99+22.9	3.5 LT	38	RECONSTRUCT VICTOR ROAD MEDIAN - SOUTH OF 100 TH AVENUE
99+27.4	32.5 LT		99+67.9	281.7 LT	272	WEST SIDE VICTOR ROAD/SOUTH SIDE 100 TH AVENUE
99+27.2	32.7 RT		99+67.1	92.9 RT	83	SE QUADRANT VICTOR ROAD & 100 TH AVENUE
100+03.5	276.2 LT		100+06.4	61.2 LT	430	100 TH AVENUE MEDIAN
100+32.6	279.7 LT		118+68.5	71.9 LT	2108	NORTH SIDE 100 TH AVENUE/WEST SIDE VICTOR ROAD
100+32.2	102.0 RT		105+96.7	189.0 RT	777	NORTH SIDE 100 TH AVENUE/EAST SIDE VICTOR ROAD/SOUTH SIDE OLYMPIC DRIVE
100+60.5	6.5 RT		103+67.6	4.8 LT	615	VICTOR ROAD MEDIAN
100+41.8	64.9 LT		100+64.3	39.9 LT	35	BACKING CURB FOR CURB RAMP LOCATED AT THE NW QUADRANT 100TH/VICTOR
100+38.3	66.9 RT		100+62.2	47.5 LT	33	BACKING CURB FOR CURB RAMP LOCATED AT THE NE QUADRANT 100TH/VICTOR
103+31.3	31.6 LT		103+51.2	30.0 LT	20	BACKING CURB FOR CURB RAMP WEST SIDE OF VICTOR ROAD
105+94.7	224.5 RT		106+44.7	272.9 RT	85	SE QUADRANT OLYMPIC DRIVE/CHELATNA CIRCLE
105+78.6	37.2 RT		105+88.1	44.9 RT	13	BACKING CURB FOR CURB RAMP LOCATED AT THE SE QUADRANT VICTOR/OLYMPIC
106+38.6	35.0 RT		106+56.1	35.0 RT	18	BACKING CURB FOR CURB RAMP LOCATED AT THE NE QUADRANT VICTOR/OLYMPIC
106+76.0	262.3 RT		112+17.2	49.0 RT	833	NORTH SIDE OLYMPIC DRIVE/EAST SIDE VICTOR ROAD
111+98.0	35.0 RT		112+15.3	35.0 RT	17	BACKING CURB FOR CURB RAMP LOCATED AT THE SE QUADRANT VICTOR/KINGSFORD PARK
112+46.1	35.0 RT		112+63.5	35.0 RT	17	BACKING CURB FOR CURB RAMP LOCATED AT THE NE QUADRANT VICTOR/KINGSFORD PARK
112+44.2	49.0 RT		116+93.2	45.5 RT	475	EAST SIDE VICTOR ROAD/SOUTH SIDE MINERVA WAY BEFORE BEGINNING OF RETAINING WALL
116+69.6	35.0 RT		116+87.4	35.0 RT	18	BACKING CURB FOR CURB RAMP LOCATED AT THE SE QUADRANT VICTOR/MINERVA WAY
116+94.4	140.5 RT		116+94.2	223.2 RT	83	SOUTH SIDE OF MINERVA WAY BETWEEN RETAINING WALL AND MATCH POINT
117+37.8	35.0 RT		117+55.0	35.0 RT	17	BACKING CURB FOR CURB RAMP LOCATED AT THE NE QUADRANT VICTOR/MINERVA WAY
117+30.2	223.3 RT		118+80.9	99.9 RT	399	NORTH SIDE MINERVA WAY/EAST SIDE VICTOR ROAD/FRED MEYER SOUTH ACCESS
118+51.8	35.0 RT		118+73.7	35.0 RT	22	BACKING CURB FOR CURB RAMP LOCATED AT THE SE QUADRANT VICTOR/FRED MEYER ACCESS
118+48.1	30.3 LT		118+64.9	41.5 LT	21	BACKING CURB FOR CURB RAMP LOCATED AT THE SW QUADRANT VICTOR/CANARY COURT
119+27.8	41.2 LT		119+46.4	30.7 LT	22	BACKING CURB FOR CURB RAMP LOCATED AT THE NW QUADRANT VICTOR/CANARY COURT
119+04.9	76.2 LT		121+01.9	104.9 LT	293	NORTH SIDE CANARY COURT/WEST SIDE VICTOR ROAD/SOUTH SIDE SEA PARROTT CIRCLE
120+77.8	30.8 LT		120+93.5	43.4 LT	21	BACKING CURB FOR CURB RAMP LOCATED AT THE SW QUADRANT VICTOR/SEA PARROTT
119+21.2	39.0 RT		119+42.1	40.2 RT	21	BACKING CURB FOR CURB RAMP LOCATED AT THE NE QUADRANT VICTOR/FRED MEYER SOUTH ACCESS
119+30.9	76.7 RT		120+81.6	58.3 RT	303	EAST SIDE VICTOR ROAD BETWEEN FRED MEYER ACCESSES
121+40.3	45.5 RT		121+57.8	45.5 RT	18	BACKING CURB FOR CURB RAMP LOCATED AT THE NE QUADRANT VICTOR/NORTH FRED MEYER ACCESS
121+40.2	79.9 RT		123+98.5	72.3 RT	344	EAST SIDE VICTOR BETWEEN SD NORTH FRED MEYER ACCESS AND SOUTH CHEVRON ACCESS
123+81.0	45.5 RT		123+98.5	45.5 RT	18	BACKING CURB FOR CURB RAMP LOCATED AT THE SE QUADRANT VICTOR/SOUTH CHEVRON ACCESS
121+42.2	47.4 LT		121+59.9	37.6 LT	21	BACKING CURB FOR CURB RAMP LOCATED AT THE NW QUADRANT VICTOR/SEA PARROTT
121+32.1	106.9 LT		125+88.5	64.5 LT	537	WEST SIDE VICTOR ROAD BETWEEN SEA PARROTT CIRCLE & DIMOND BOULEVARD
125+58.9	37.9 LT		125+79.7	63.7 LT	37	BACKING CURB FOR CURB RAMP LOCATED AT THE SW QUADRANT VICTOR/DIMOND
121+51.9	9.0 RT		125+54.6	4.0 LT	807	VICTOR ROAD MEDIAN
124+32.5	65.7 RT		124+79.7	64.4 RT	103	EAST SIDE VICTOR BETWEEN CHEVRON ACCESSES
124+32.5	45.5 RT		124+79.7	45.5 LT	48	BACKING CURB TO MATCH GRADE BEHIND SIDEWALK
125+13.7	69.6 RT		125+87.1	78.5 LT	132	CURB AND GUTTER BETWEEN NORTH CHEVRON ACCESS AND DIMOND BOULEVARD
125+13.7	45.5 RT		125+76.9	81.5 RT	84	8" BACKING CURB

639(6) APPROACHES

STREET	STATION	OFFSET	APPROACH(ES)
OLYMPIC DRIVE	6+33.44	LT	1
"	7+21.71	LT	1
VICTOR ROAD	107+45.00	LT	1
"	109+84.16	LT	1
"	110+83.19	LT	1
"	111+94.85	LT	1
"	113+14.36	LT	1
"	113+64.84	LT	1
"	114+45.77	LT	1
"	114+71.81	LT	1
"	116+12.05	LT	1
MINERVA WAY	6+19.76	LT	1
VICTOR ROAD	118+96.90	RT	1
"	121+17.60	RT	1
"	124+15.54	RT	1
"	124+96.68	RT	1

626(3) ADJUST SANITARY SEWER CLEANOUT

SHEET	STATION	OFFSET
G8	121+06	74 LT

627(10) ADJUSTMENT OF VALVE BOX

SHEET	STATION	OFFSET
G1	99+43	28 LT
G1	100+04	37 RT
G1	100+28	25 LT
G1	100+48	26 LT
G3	106+10	215 RT
G3	106+26	50 RT
G3	106+32	25 LT
G3	106+52	214 RT
G4	112+36	36 RT
G6	117+46	39 RT
G7	119+07	32 RT
G7	119+26	18 RT
G8	121+28	30 RT
G9	123+29	35 RT

626(6) ABANDON SANITARY SEWER SERVICE

SHEET	STATION	OFFSET
G11	107+45	105 RT

627(24) ABANDON WATER SERVICE

SHEET	STATION	OFFSET	COMMENT
G11	99+43	28 LT	EXACT LOCATION UNKNOWN

660(18) ADJUST JUNCTION BOX

STATION	OFFSET
125+34	44 RT
125+73	53 RT
125+74	47 LT

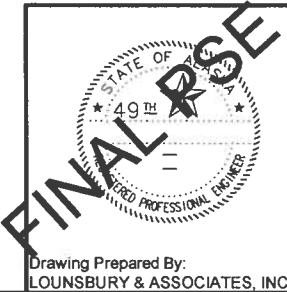
REFER TO ELECTRICAL PLANS

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	D3	D3

REMOVE & SALVAGE SIGN *subsidiary to 615(1)

STATION	OFFSET
99+41	5 LT
99+66	76 LT
100+05	273 LT
100+05	59 LT
99+95	60 RT
100+41	83 LT
100+63	38 LT
100+59	5 RT
100+38	68 RT
100+77	34 RT
101+57	5 RT
101+86	38 LT
102+41	36 RT
102+91	24 LT
105+40	20 RT
105+92	49 RT
105+93	107 RT
106+55	195 RT
106+34	55 RT
106+49	31 RT
112+08	48 RT
112+18	64 RT
112+46	66 RT
112+99	33 RT
117+39	49 RT
118+76	45 LT
120+90	52 LT
121+63	9 RT
122+13	39 LT
124+32	37 LT
124+29	2 LT
116+92	105 RT
116+92	169 RT
117+32	164 RT
117+41	33 RT
116+87	50 RT

*REFER TO SIGNING AND STRIPING SHEETS FOR 615(1) STANDARD SIGN TABLES



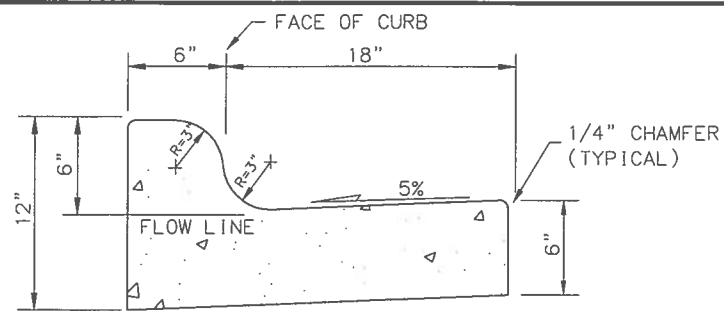
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
SUMMARY SHEET

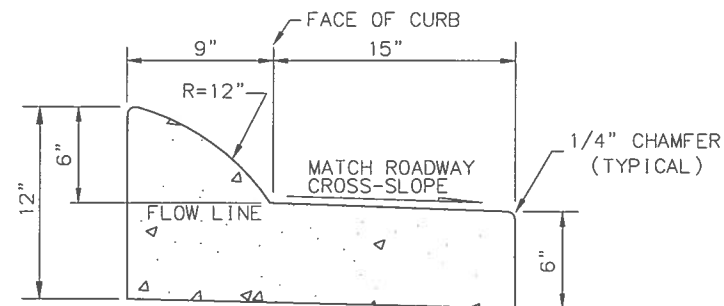
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LOUNSBURY & ASSOCIATES, INC.

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COMPUTER DESIGNATION 04.14.2011 1:55
PLOTTED BY Nellise Drake

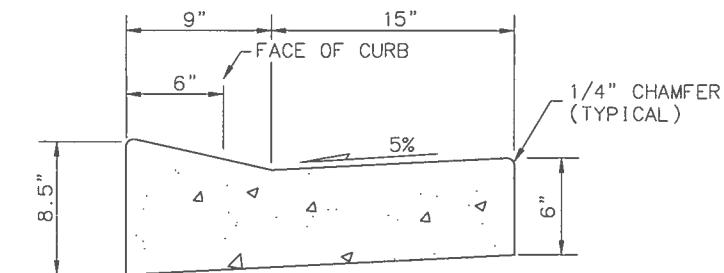
CERTIFICATION SET



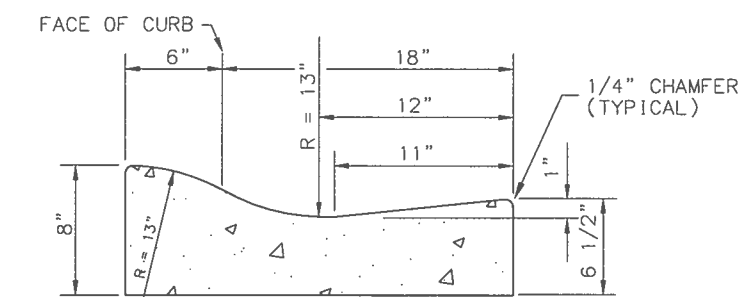
MOUNTABLE CURB & GUTTER



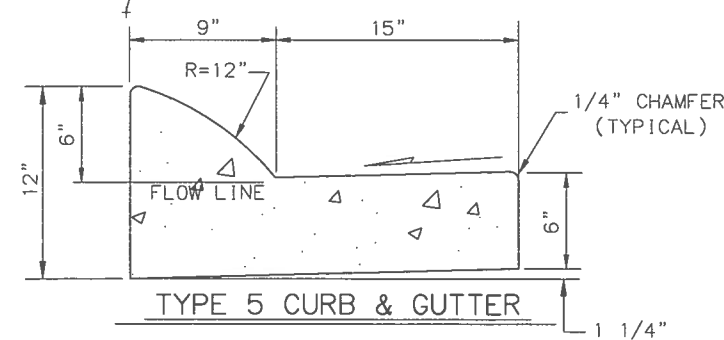
EXPRESSWAY CURB & GUTTER (MEDIAN)



DEPRESSED CURB & GUTTER
(CURB CUT)



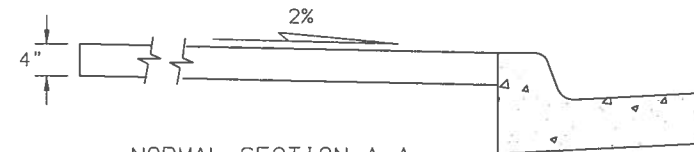
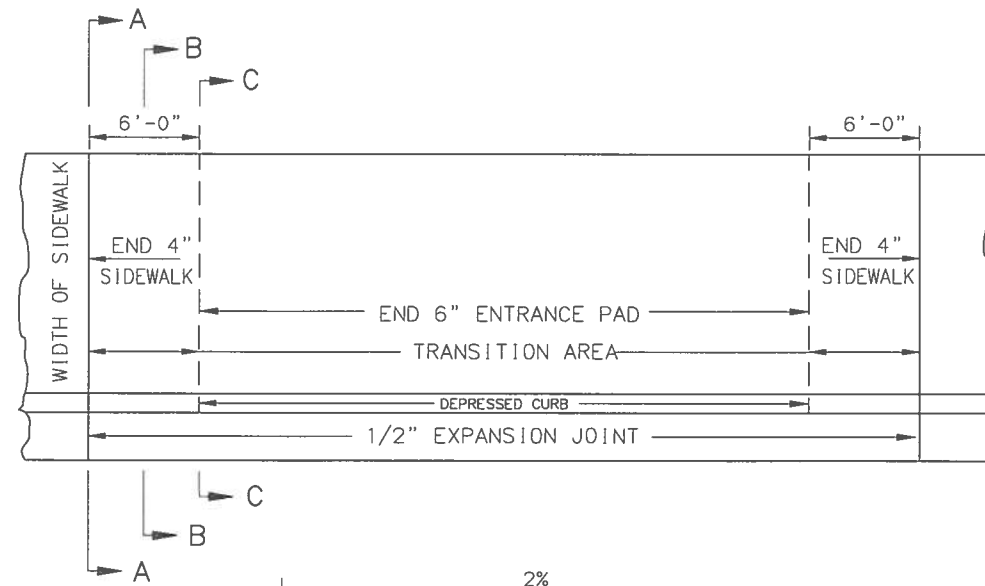
ROLLED CURB & GUTTER



TYPE 5 CURB & GUTTER

CURB NOTES

1. MOUNTABLE, DEPRESSED, ROLLED, AND EXPRESSWAY GUTTER PANS SHALL MATCH THE ROADWAY CROSS SLOPE IN THE HIGH SIDE OF SUPER ELEVATED AREAS. USE A 25 FOOT TRANSITION LENGTH, FROM POINT OF ZERO CROSS SLOPE TO INSIDE OF THE HORIZONTAL CURVE.



NORMAL SECTION A-A

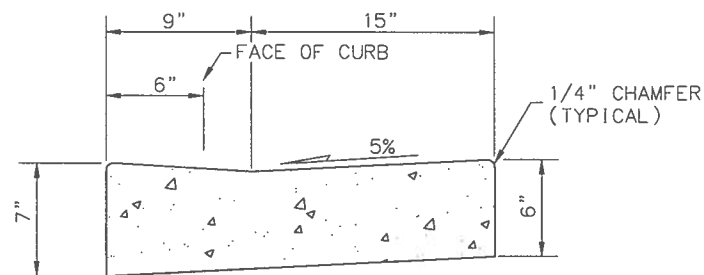


TRANSITION SECTION B-B

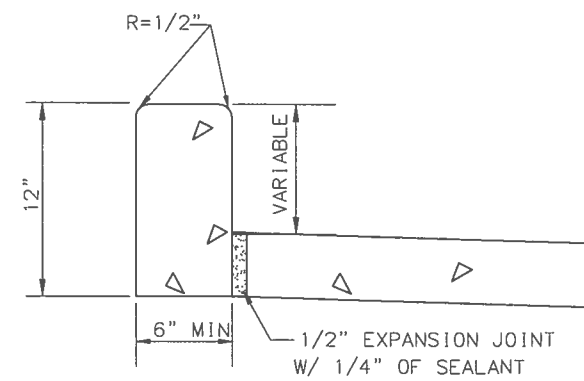


DEPRESSED SECTION C-C

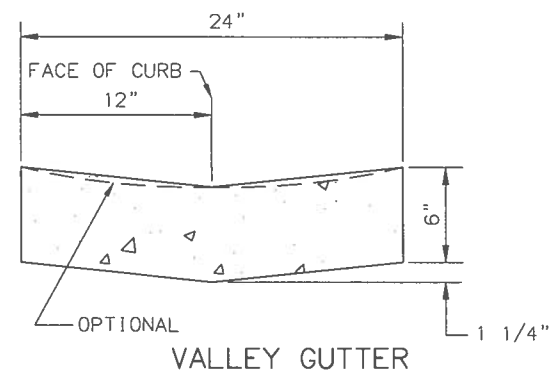
VEHICULAR CURB CUT DETAILS



CURB RAMP CURB & GUTTER

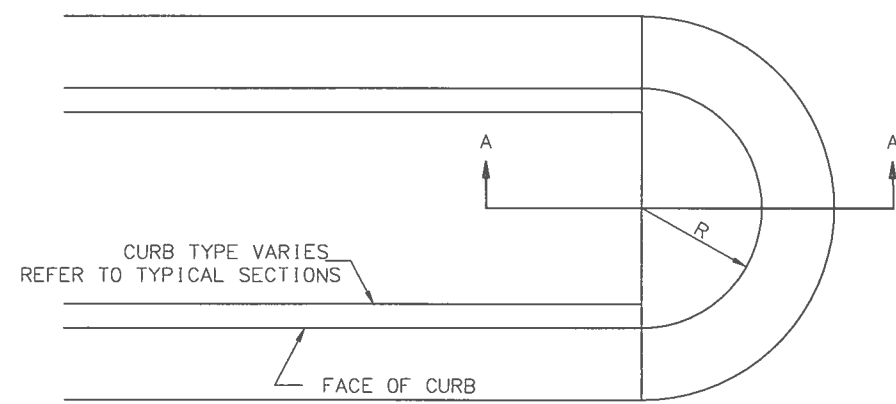


PARKING LOT/BACKING CURB



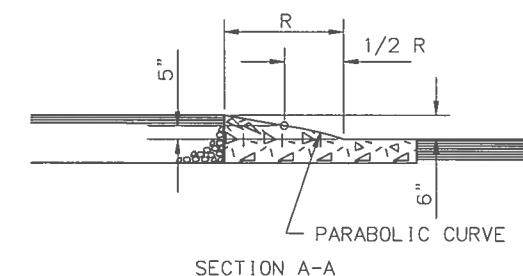
VALLEY GUTTER

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	E1	E7

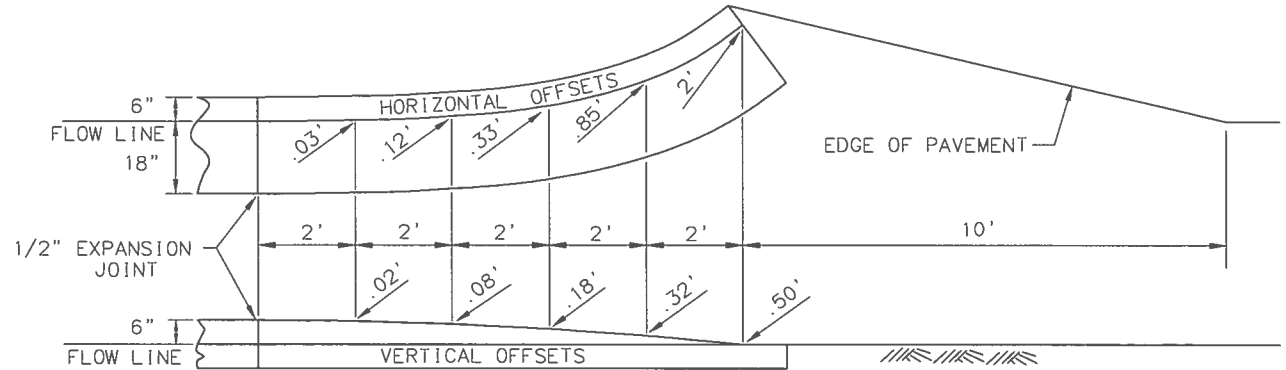


NOTES:

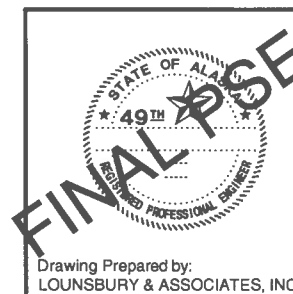
1. ISLAND NOSE SHALL BE PAINTED WITH YELLOW REFLECTORIZED PAINT. SHAPING AND PAINTING WILL BE SUBSIDIARY.
2. MINIMUM PARABOLIC CURVE LENGTH IS 3 FT.



ISLAND NOSE DETAIL



CURB AND GUTTER
TERMINATION TRANSITIONS



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

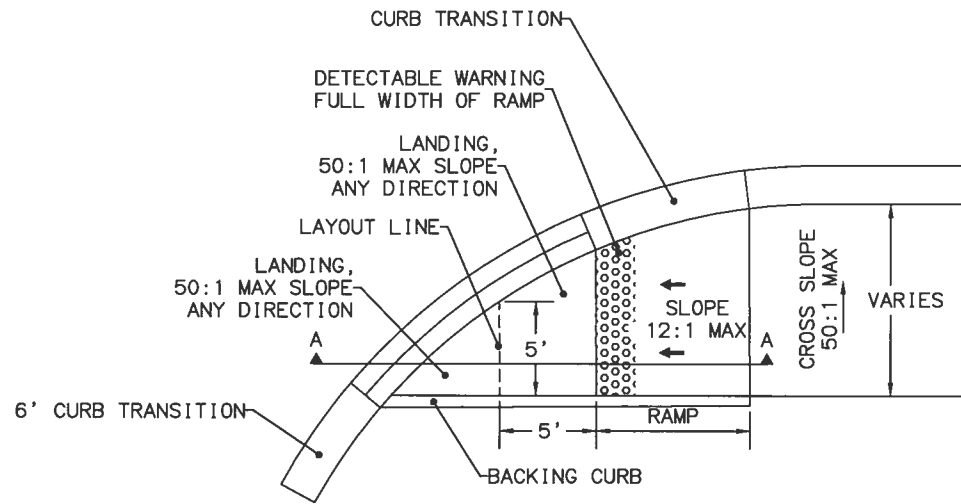
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
CURB DETAILS

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

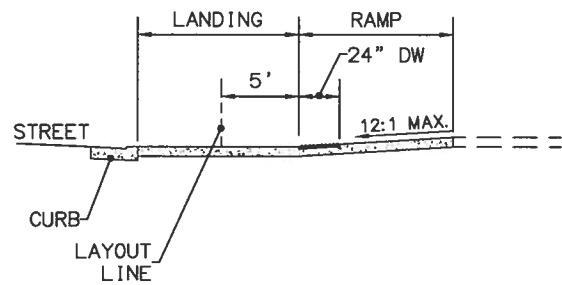
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COMPUTER DESIGNATION T: \Project\2001\01-046_B-2009\ENG_DELIVER_Plot-Bld-Check\DETAILS_BID-CHECK_VP\DRG000000.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
CHECKED BY
DRAFTED BY
DATE 04.14.2011 1:57
PLOTTED BY Melissa Drake

CERTIFICATION SET

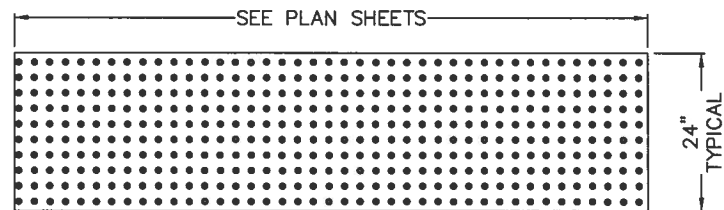
REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	E2	E7



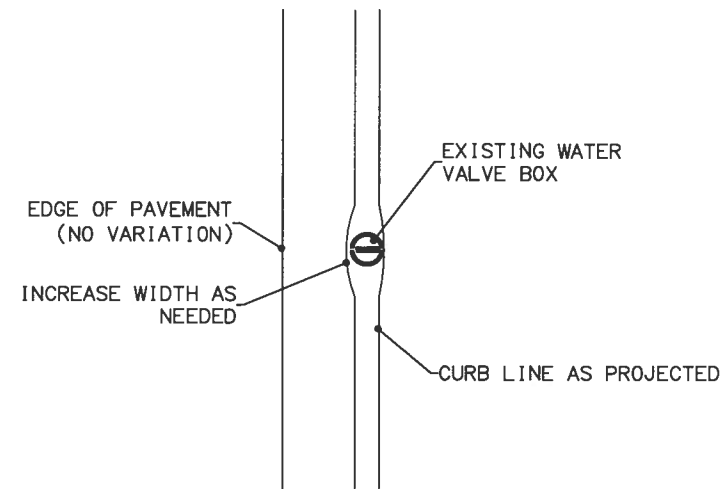
1 UNIDIRECTIONAL CURB RAMP
E2 NTS



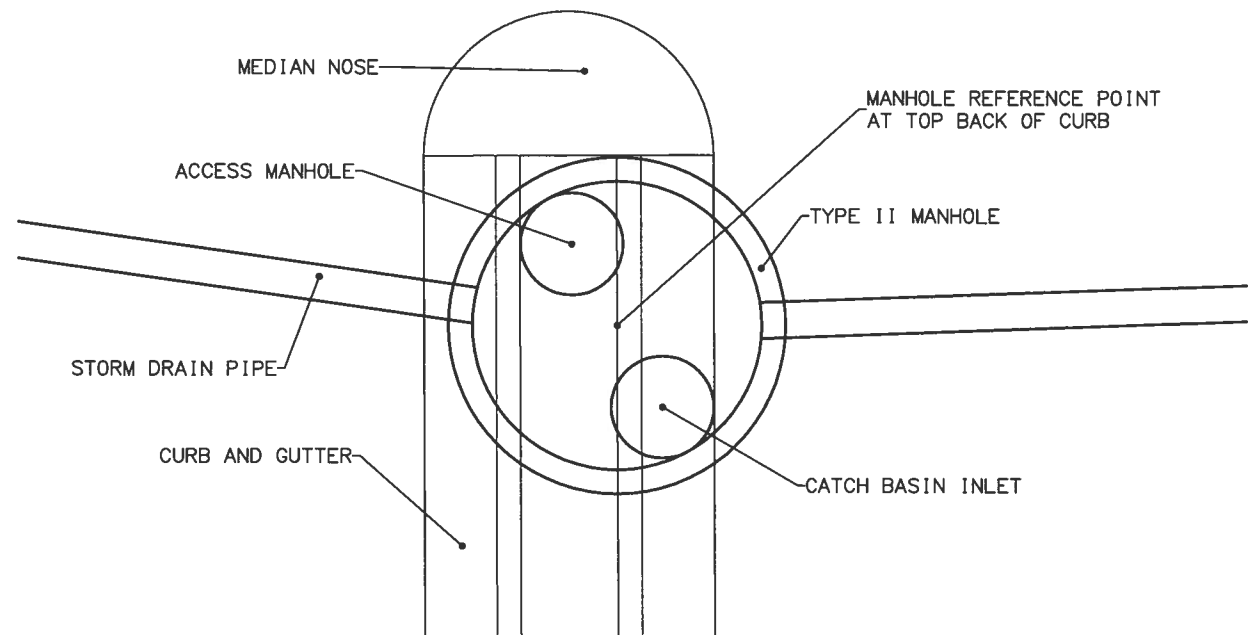
2 SECTION A-A
E2 NTS



3 DETECTABLE WARNING
E2 NTS



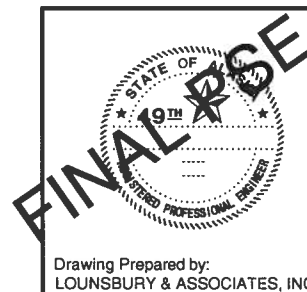
4 WATER VALVE BOX CURB WARP
E2 STA 123+29 (RT) NTS



NOTES:

1. ROTATE THE REDUCING SLAB SO THE ACCESS MANHOLE LID IS WITHIN THE MEDIAN.

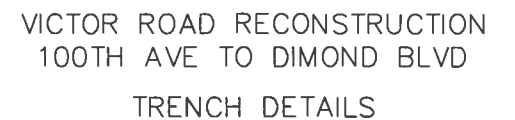
5 TYPICAL MEDIAN CURB INLET ALIGNMENT
E2 NTS



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
MISCELLANEOUS DETAILS

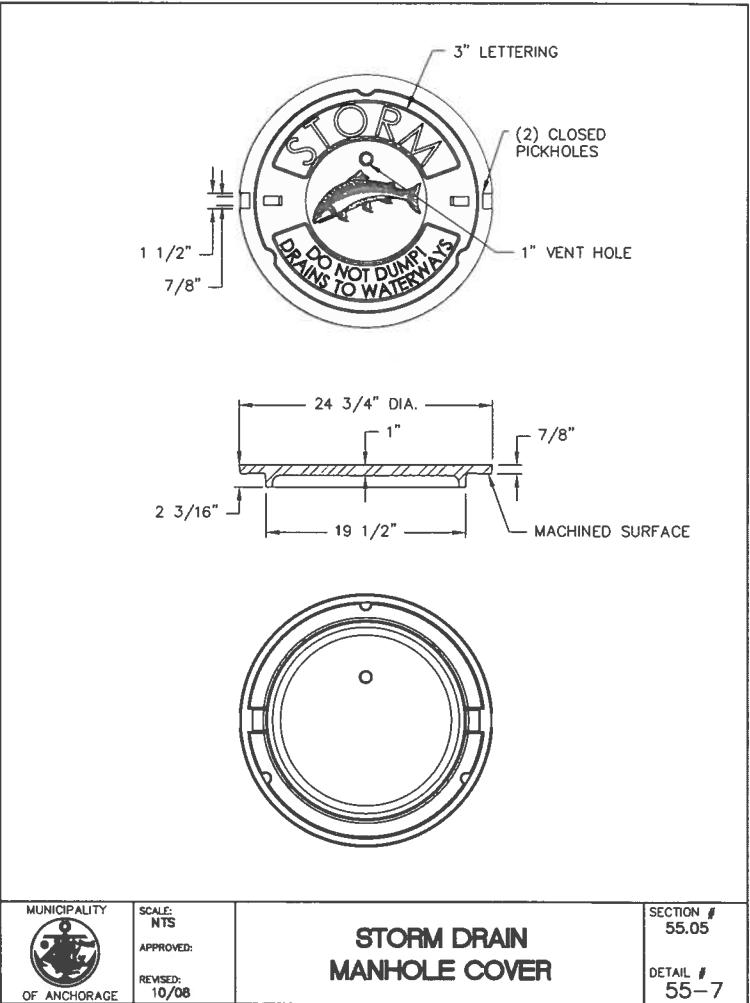
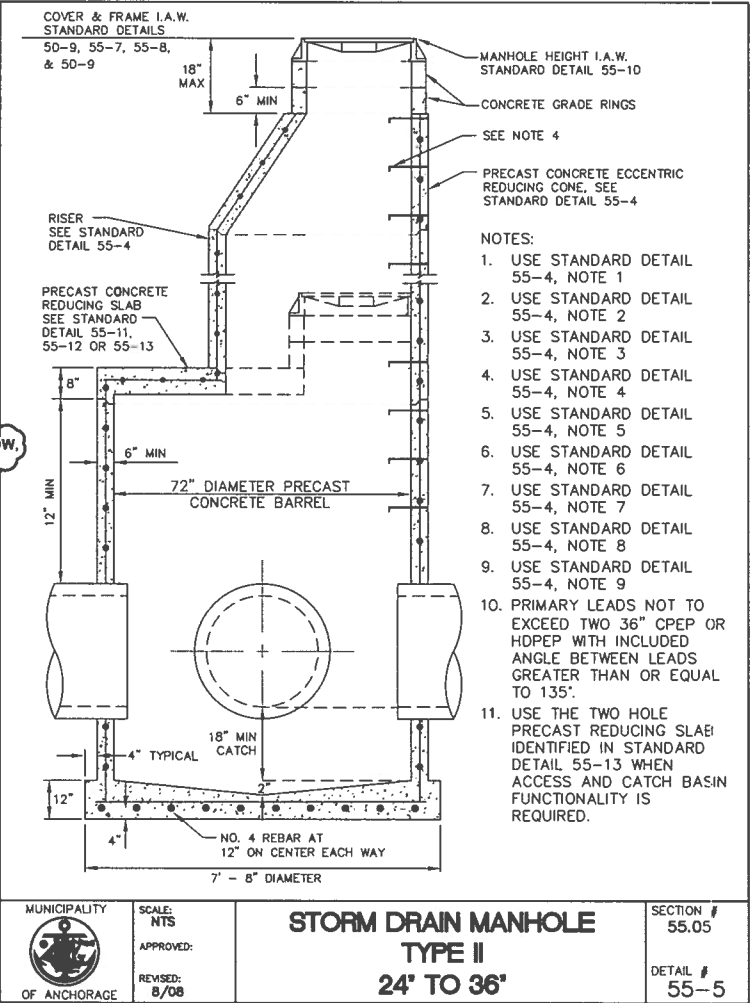
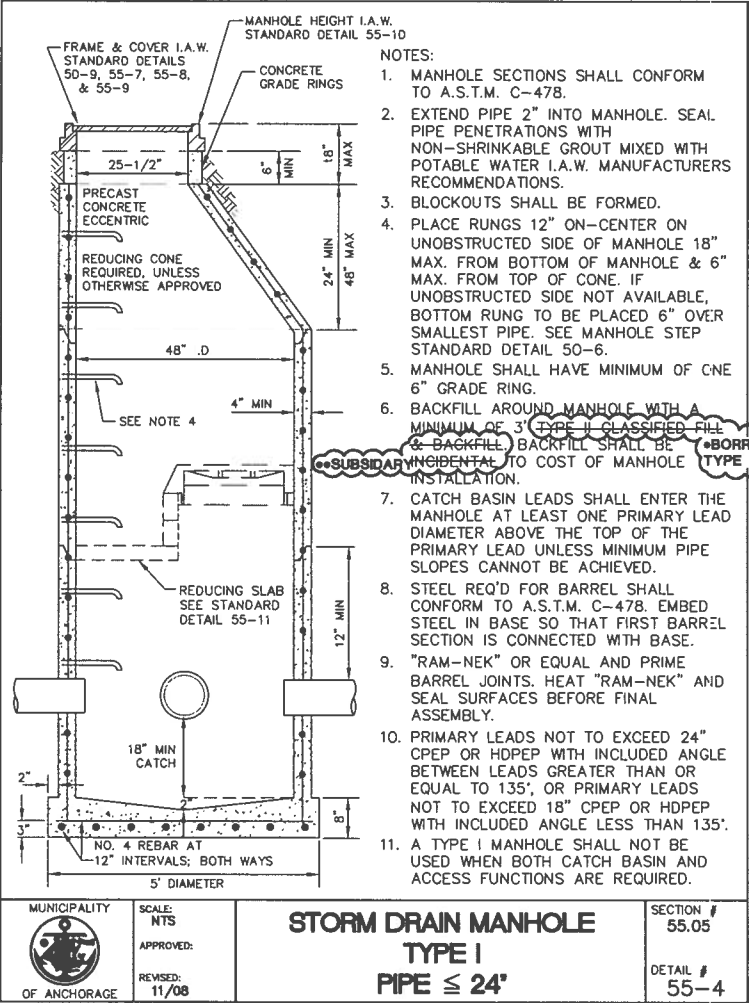
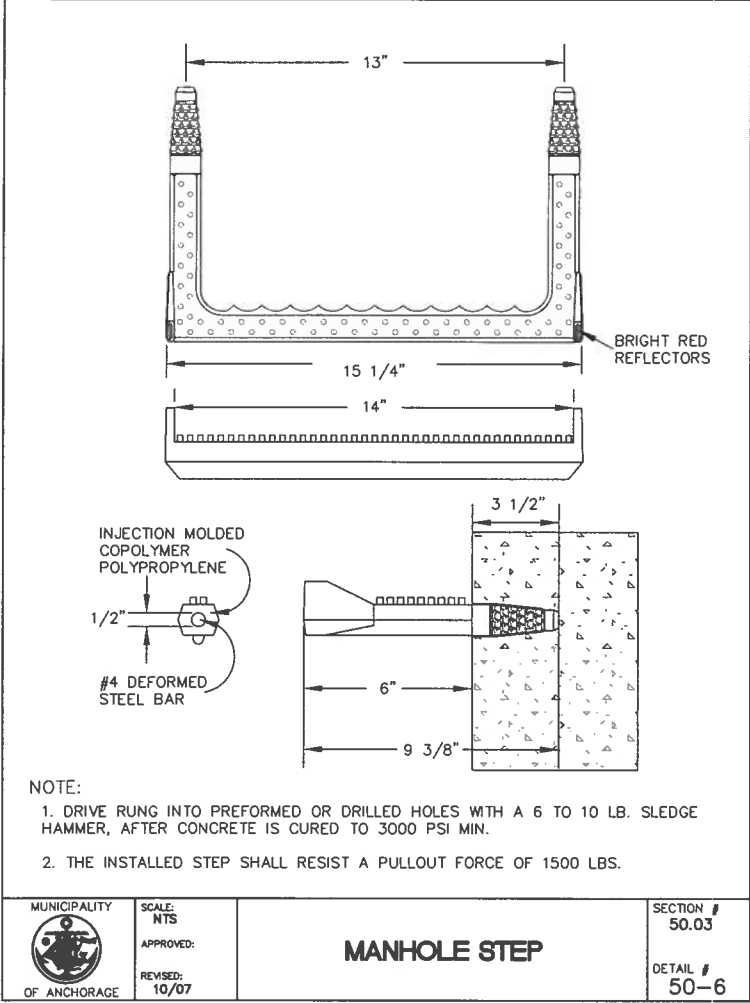
Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.



LOUNSBURY PROJECT NUMBER: 11-0001
COMPUTER DESIGNATION: 11-0001-01
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: J. L. L. 11/11/2011 2:08
PLOTTED BY: J. L. L. 11/11/2011 2:08

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	E4	E7



* CHANGE "TYPE II CLASSIFIED FILL & BACKFILL" TO "BORROW, TYPE A."
** CHANGE "INCIDENTAL" TO "SUBSIDIARY."

STATE OF ALASKA
49TH DISTRICT
PROFESSIONAL ENGINEER

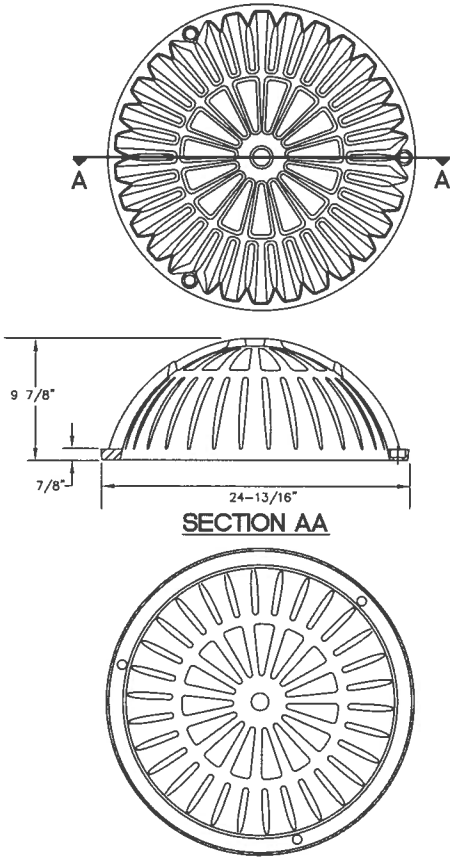
Victor Road Reconstruction
100TH AVE TO DIMOND BLVD
STORM DRAIN MASS DETAILS

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

LOUNSBURY PROJECT NUMBER: XX-XXX
COMPUTER DESIGNATION: T:_Project\2001\01-046_B-2009\ENG_DELIVER_Plot-Check E_DETAILS_BIO-CHECK.dwg
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: D:\11.2011 2:02
DRAFTED BY: Melissa Drake

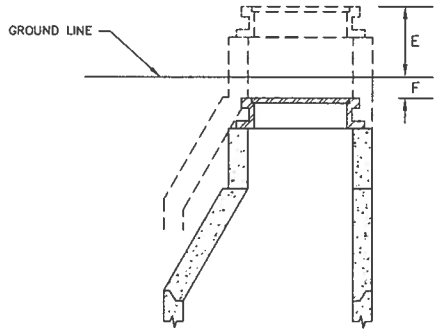
CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	E5	E7



MUNICIPALITY OF ANCHORAGE	SCALE: NTS APPROVED: REVISED: 10/08	SECTION # 55.05 DETAIL # 55-9
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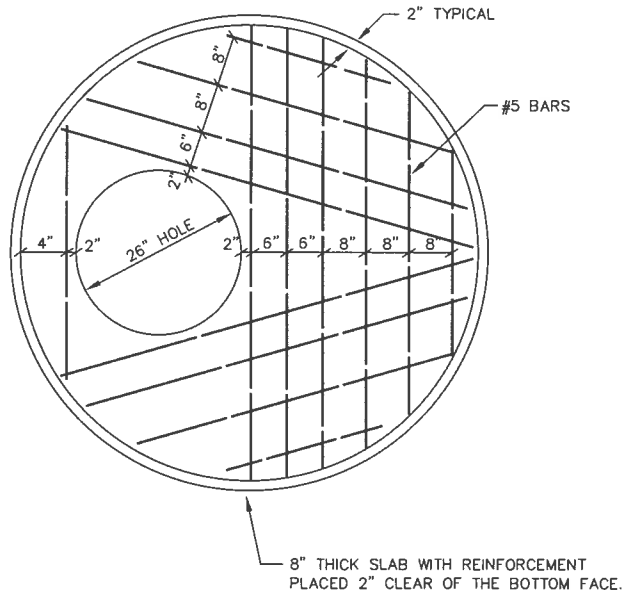
STORM DRAIN
BEEHIVE INTAKE COVER



LOCATION	E	F
BACKYARDS, GRAVEL STREETS, AND ALLEY AREAS WHERE TRAVELED.		6" TO 12"
UNDEVELOPED AND SWAMPY AREAS	24" MIN	
HIGHWAY R.O.W.'S OUTSIDE TRAFFIC AREAS	6"	
PAVED STREETS (FEATHER PAVEMENT AT EDGE TO SMOOTH TRANSITION)		1/2"±1/4"

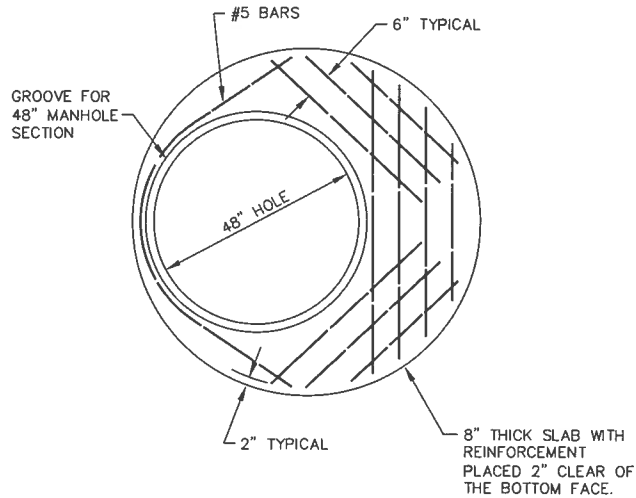
MUNICIPALITY OF ANCHORAGE	SCALE: NTS APPROVED: REVISED: 10/08	SECTION # 55.05 DETAIL # 55-10
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MANHOLE HEIGHTS



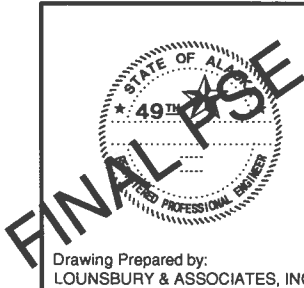
MUNICIPALITY OF ANCHORAGE	SCALE: NTS APPROVED: REVISED: 11/08	SECTION # 55.05 DETAIL # 55-11
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PRECAST
CONCRETE REDUCING SLAB
(72" OR 48" TO 26")



MUNICIPALITY OF ANCHORAGE	SCALE: NTS APPROVED: REVISED: 11/08	SECTION # 55.05 DETAIL # 55-12
------------------------------	---	---

PRECAST
CONCRETE REDUCING SLAB
(72" TO 48")



Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
STORM DRAIN MASS DETAILS

LOUNSBURY PROJECT NUMBER	XX-XXX	DESIGNED BY	LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNATION	I:\Project\2001\01-046_B-2009_ENG\DELIVER_Proc-Bld-Check_V-DETAILS_DWG.DWG	3D-CHECK, V-DRAWING	
PLOTTED BY	Nedice Dreia	DRAWN BY	
		DRAWN DATE	04.14.2011 2:03

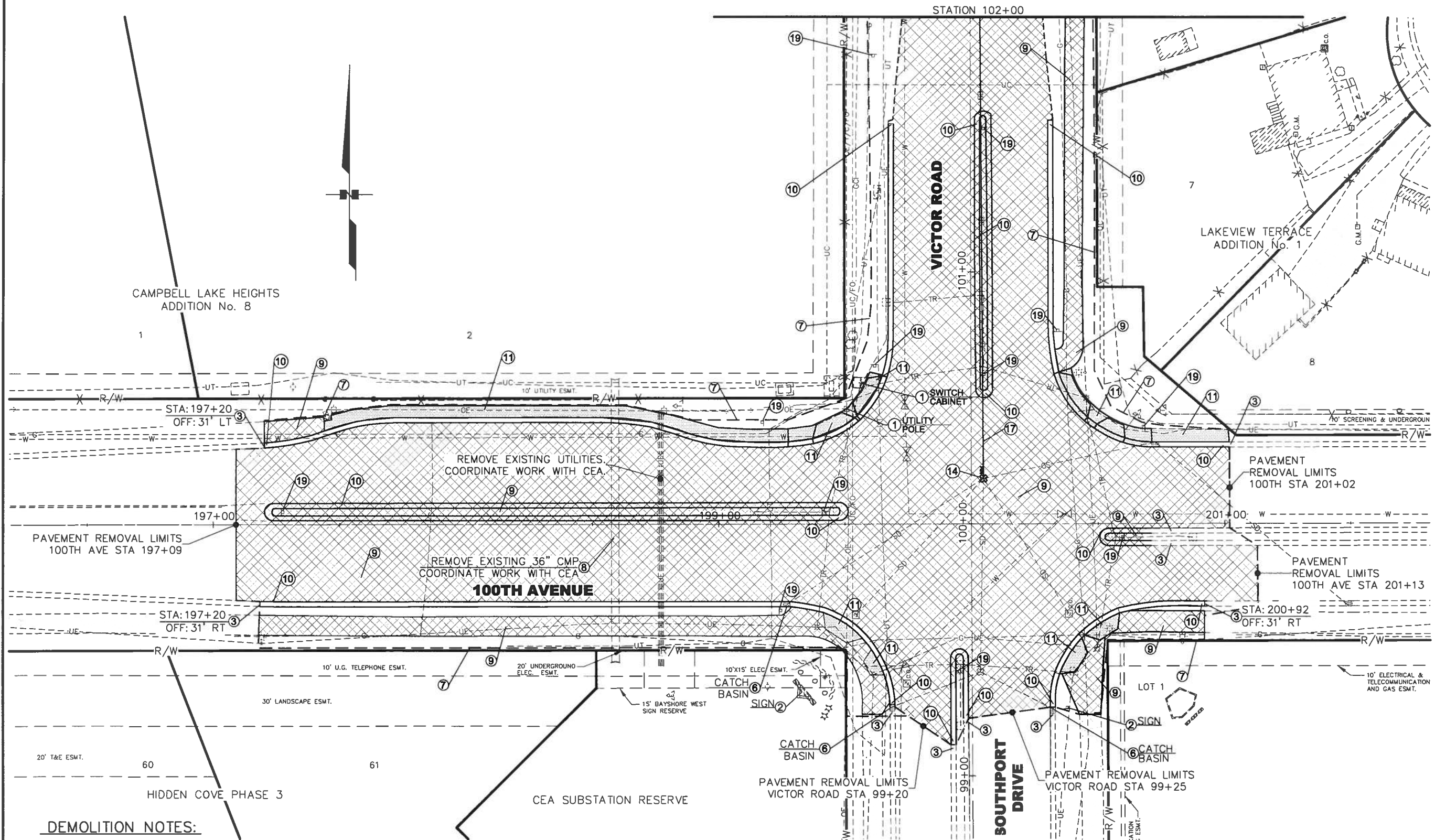
Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

CERTIFICATION SET

LOUNSBURY PROJECT NUMBER	XX-XXXX	DESIGNED BY	LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNATION	Project 2001 01-048_B-2009 ENC_DELIVER_Plot-Bld-Check_V_DETAILS_Bld-Check_V	DRG-CHECKED BY	DRG
PLOTTED BY	Melissa Droke	DRAWN BY	04.1.2011 2:04

LOUNSBURY PROJECT NUMBER XX-XXX
T. Project 2001 01-046 B-2009 ENG. DELIVER. Plan-Bid-Check V. DEMO-PLAN.01
COMPUTER DESIGNATION
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
DRAWN BY
CHECKED BY
DRAFTED BY
04.13.2011 1:52
Tom Garrett

CERTIFICATION SET



DEMOLITION NOTES:

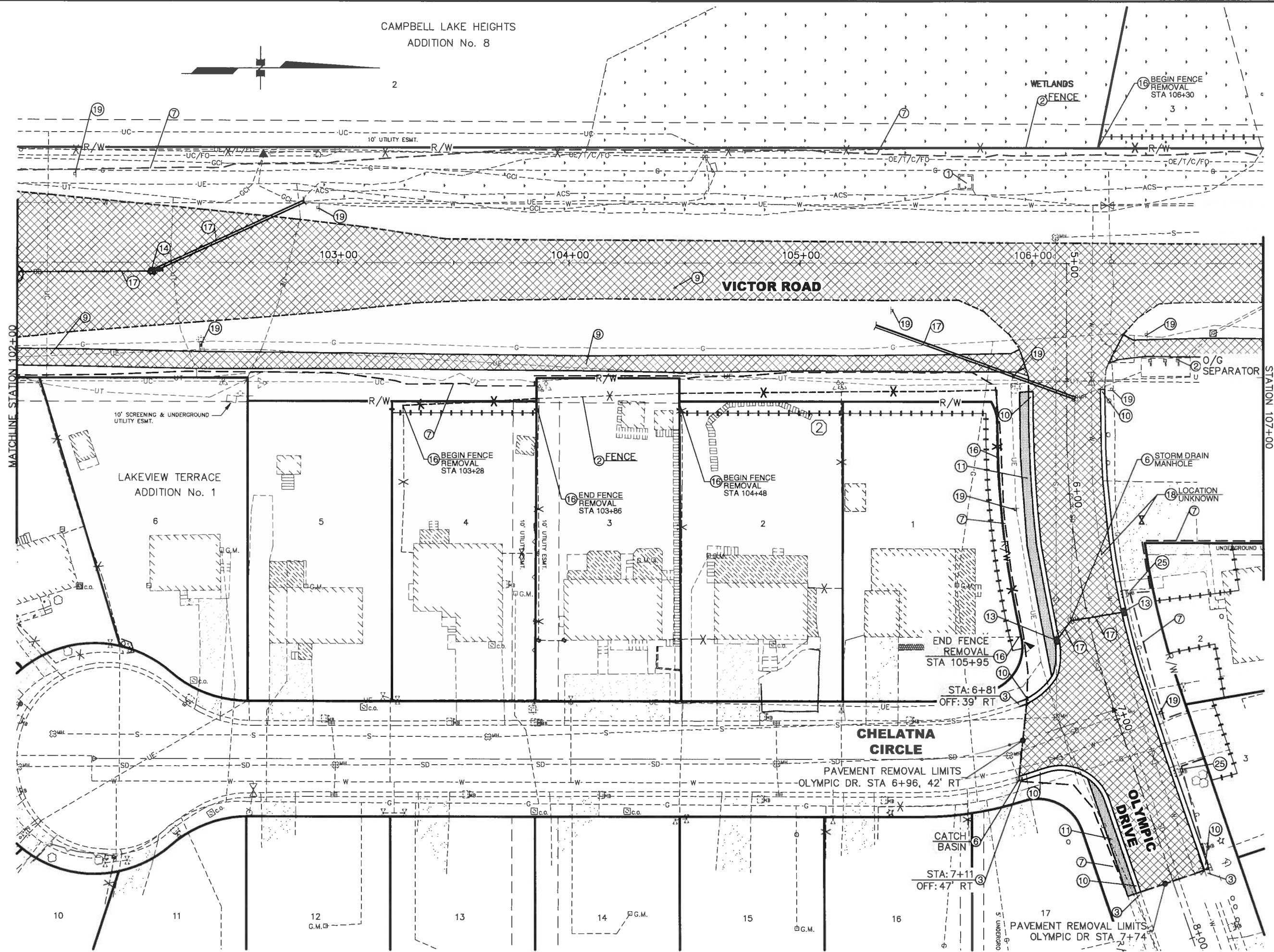
1. SAWCUT EXISTING ASPHALT DESIGNATED FOR REMOVAL AT THE LIMITS SHOWN.
2. REMOVE AND DISPOSE OF ALL CONFLICTING STORM DRAIN COMPONENTS.
3. REFER TO H SHEETS FOR ADDITIONAL ELECTRICAL ITEMS.
4. REFER TO SHEET A3 FOR LEGEND.

SHEET NO.		TOTAL SHEETS	
F1		F20	
STATE		YEAR	
ALASKA		2011	
PROJECT DESIGNATION			
STP-0001(232)/55027			
ADDENDUM NO.			
ATTACHMENT NO.			
REVISIONS			
NO.	DATE	DESCRIPTION	

LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
DEMOLITION PLAN
BOP TO 102+00

LOUNSBURY PROJECT NUMBER: XX-XXX
COMPUTER DESIGNATION: T1_Proj001_2001_01-046_B-2009_VENG_DELIVER_Plot-Bld-Check_V_Demo-Plan_01
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: [Signature]
DATE: 04.14.2011 2:28
DRAFTED BY: [Signature]
PLOTTED BY: [Signature]

CERTIFICATION SET

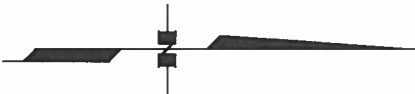
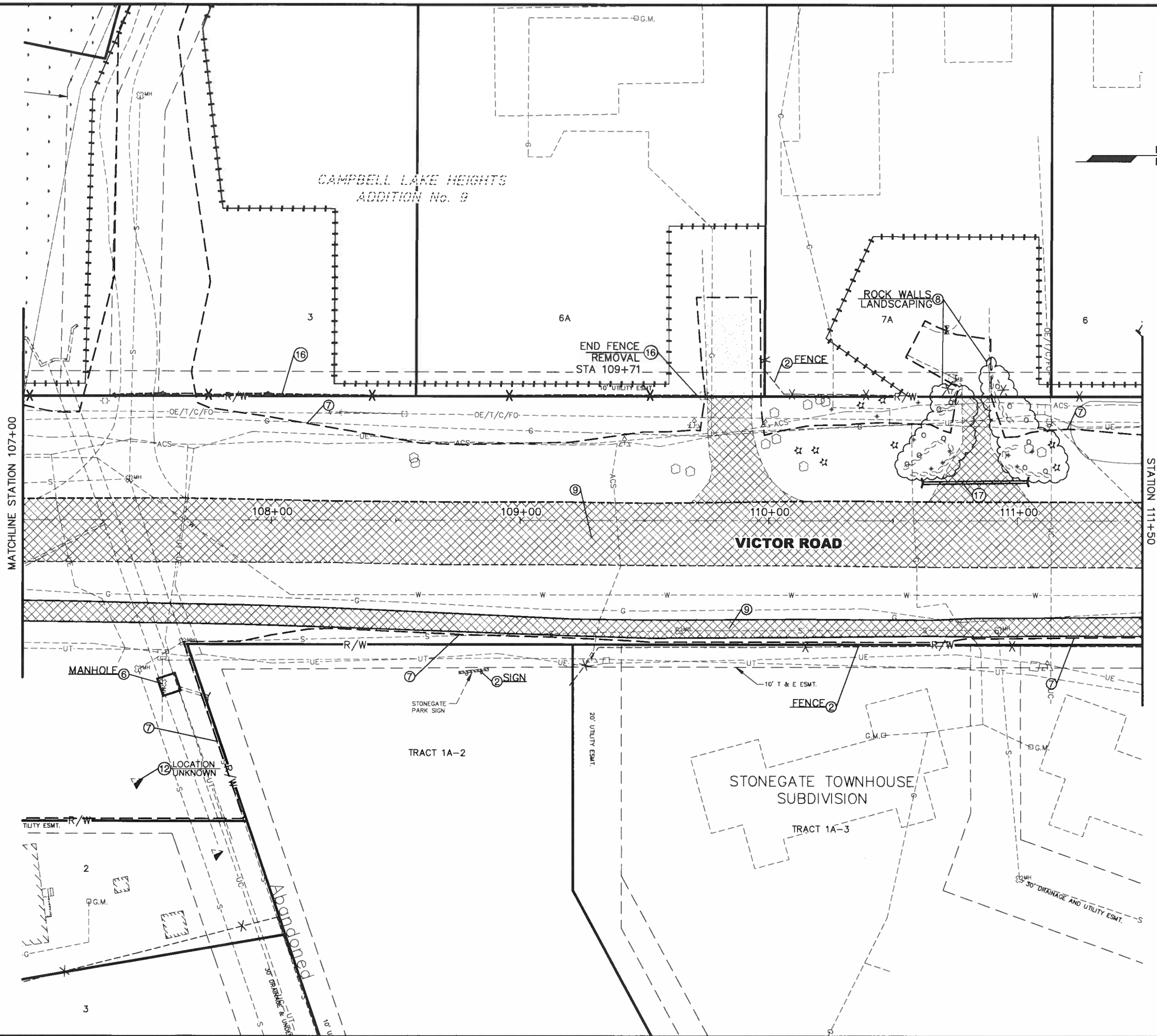


SHEET NO.	TOTAL SHEETS	
F2	F20	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

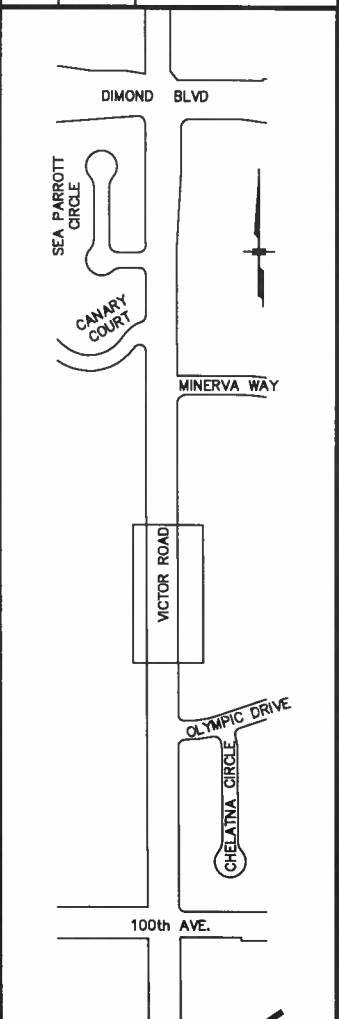
FINAL PSE
STATE OF ALASKA
49th
REGISTERED PROFESSIONAL ENGINEER
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
DEMOLITION PLAN
STA 102+00 TO 107+00

LOUNSBURY PROJECT NUMBER: XX-2003
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNATION: T:_Project\2003\01-046_B-2003\ENG\DELIVER\Plot-Bld-Check\F DEMO-PLAN.DWG
PLOT DATE: 04/14/2011 2:26
PLOTTED BY: Melissa Drake

CERTIFICATION SET



SHEET NO.		TOTAL SHEETS	
F3		F20	
STATE		YEAR	
ALASKA		2011	
PROJECT DESIGNATION			
STP-0001(232)/55027			
ADDENDUM NO.			
ATTACHMENT NO.			
REVISIONS			
NO.	DATE	DESCRIPTION	



FINAL

STATE OF ALASKA
49TH
REGISTERED PROFESSIONAL ENGINEER

LOUNSBURY & ASSOCIATES, INC.

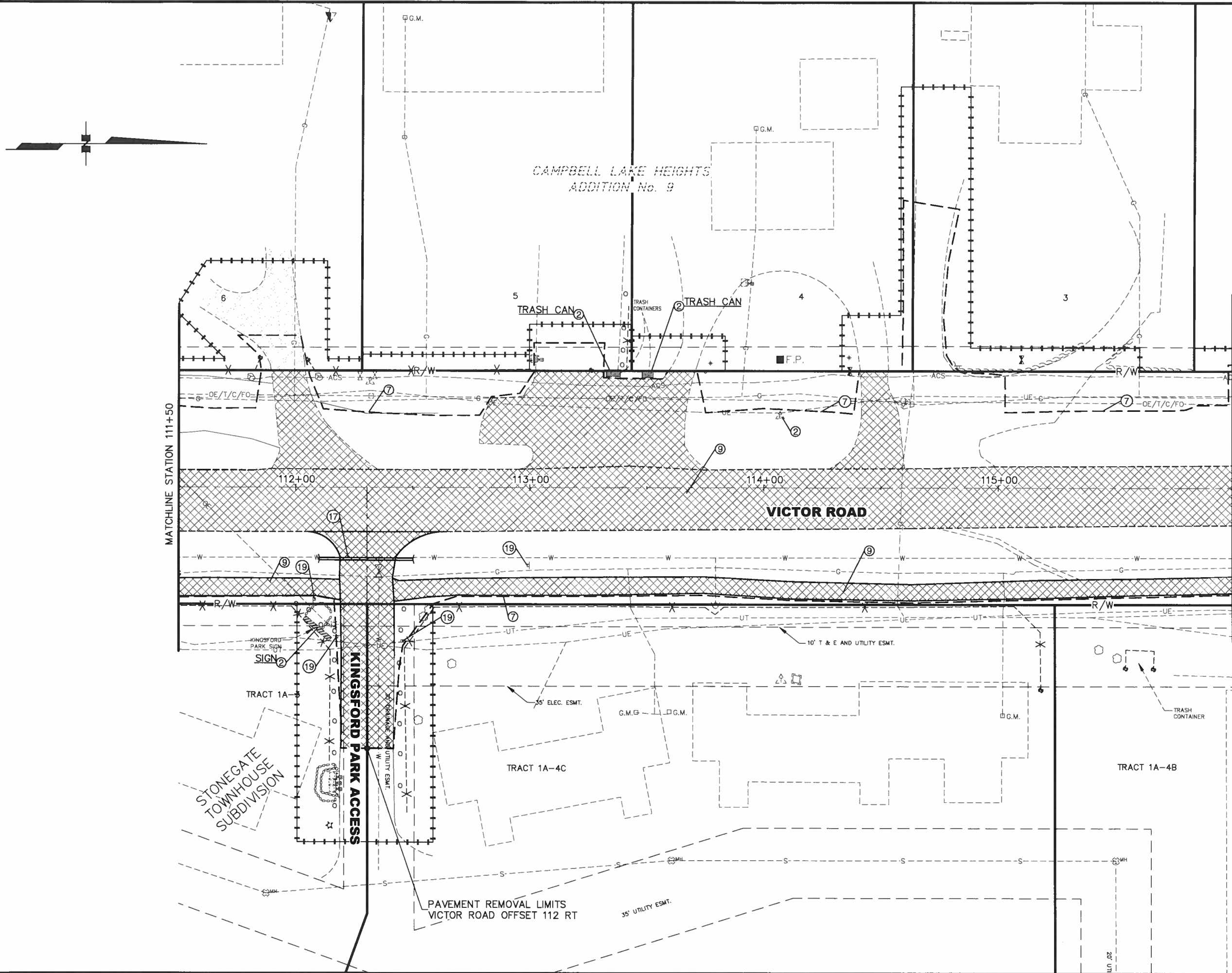
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

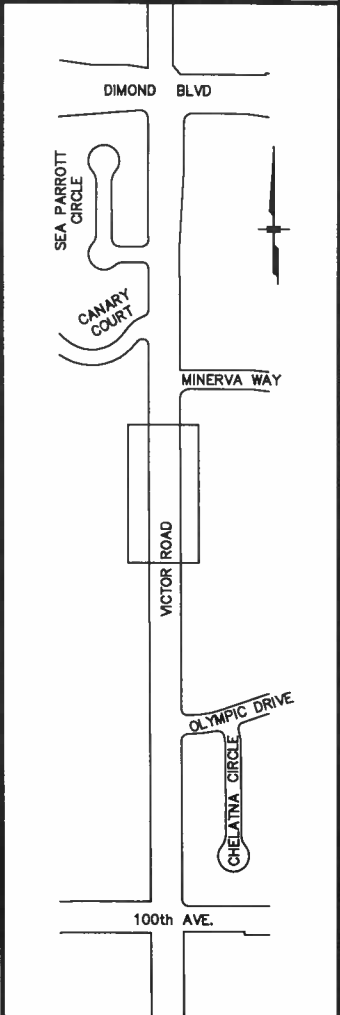
DEMOLITION PLAN
STA 107+00 TO 111+50

LOUNSBURY PROJECT NUMBER: XC-XXX
COMPUTER DESIGNATION: 1: L:\Project\2001\01-046_B-2009\ENG\DELIVER\Plot-Check\F-DEMOL-PLAN_01
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: [Signature]
DATE: 04.14.2011 2:28
DRAFTED BY: Melissa Drake

CERTIFICATION SET



SHEET NO.		TOTAL SHEETS
F4		F20
STATE		YEAR
ALASKA		2011
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



FINAL PSE

STATE OF ALASKA
49th
REGISTERED PROFESSIONAL ENGINEER

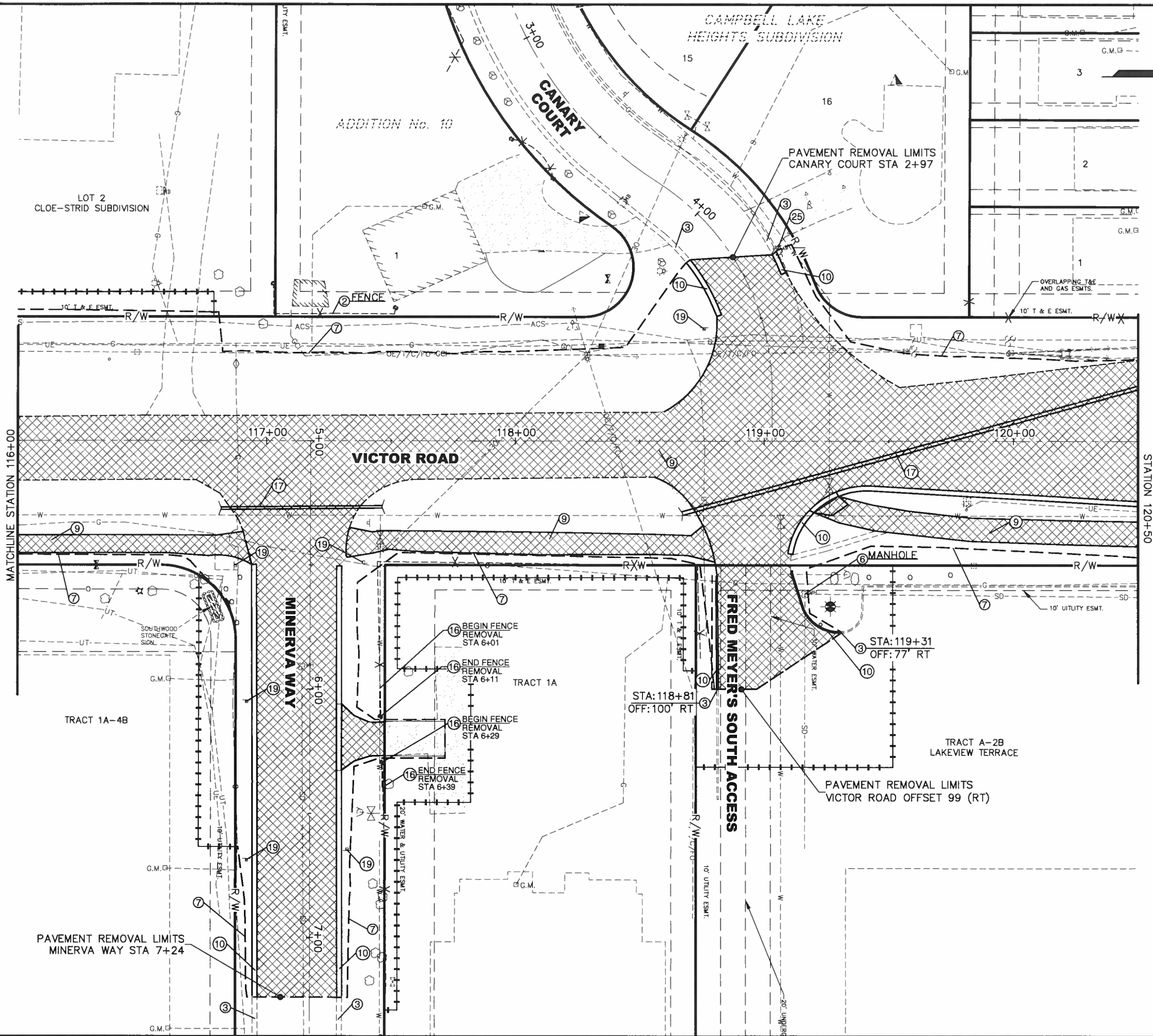
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

DEMOLITION PLAN
STA 111+50 TO 116+00

LOUNSBURY PROJECT NUMBER: 01-046, B-2009, ENG, DELIVER, PLOT-Bld-Check, DEMO-PLAN, 01, 04, 14, 2011, 2:27, DESIGNED BY: LOUNSBURY & ASSOCIATES, INC., CHECKED BY: M. J. DRAKE, PLOTTED BY: M. J. DRAKE

CERTIFICATION SET



SHEET NO.	TOTAL SHEETS	
F5	F20	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

DIMOND BLVD

SEA PARROT CIRCLE

CANARY COURT

MINERVA WAY

VICTOR ROAD

OLYMPIC DRIVE

CHELATINA CIRCLE

100th AVE.

STATE OF ALASKA

49TH

PROFESSIONAL ENGINEER

JURY & ASSOCIATES, INC.

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION

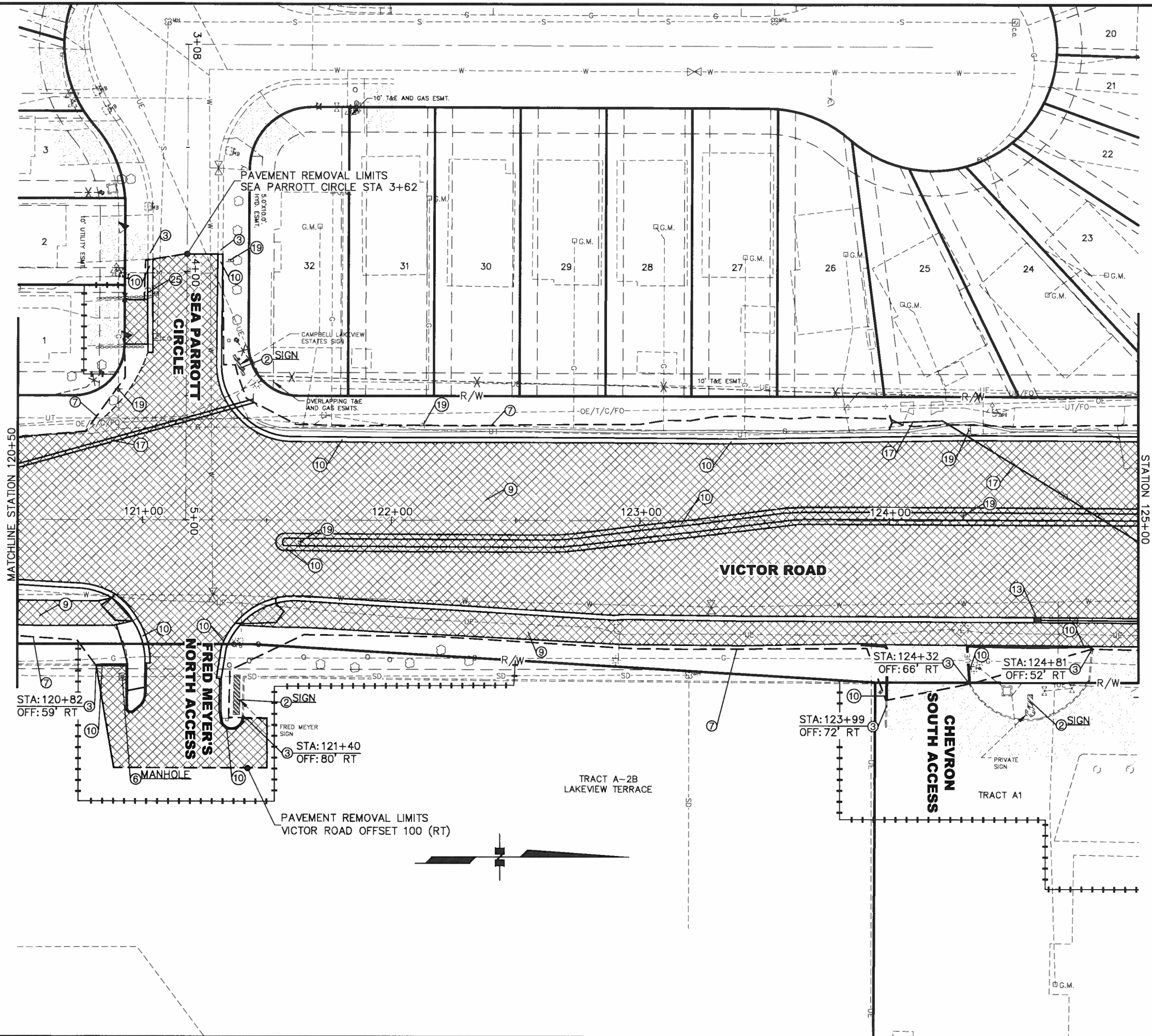
100TH AVE TO DIMOND BLVD

DEMOLITION PLAN

STA 116+00 TO 120+50

LOUNSBURY PROJECT NUMBER: 04-046
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: M. Drake
DATE: 04.14.2011 2:27
COMPUTER DESIGNATION: 1: L:\Project\2001\01-046_B-2009\ENG_DELIVER_Plot-Bld-Check\F_DEMO-PLAN_01
PLOTTED BY: Melissa Drake

CERTIFICATION SET



SHEET NO.	TOTAL SHEETS	
F6	F20	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

FINAL

STATE OF ALASKA
49th
REGISTERED PROFESSIONAL ENGINEER

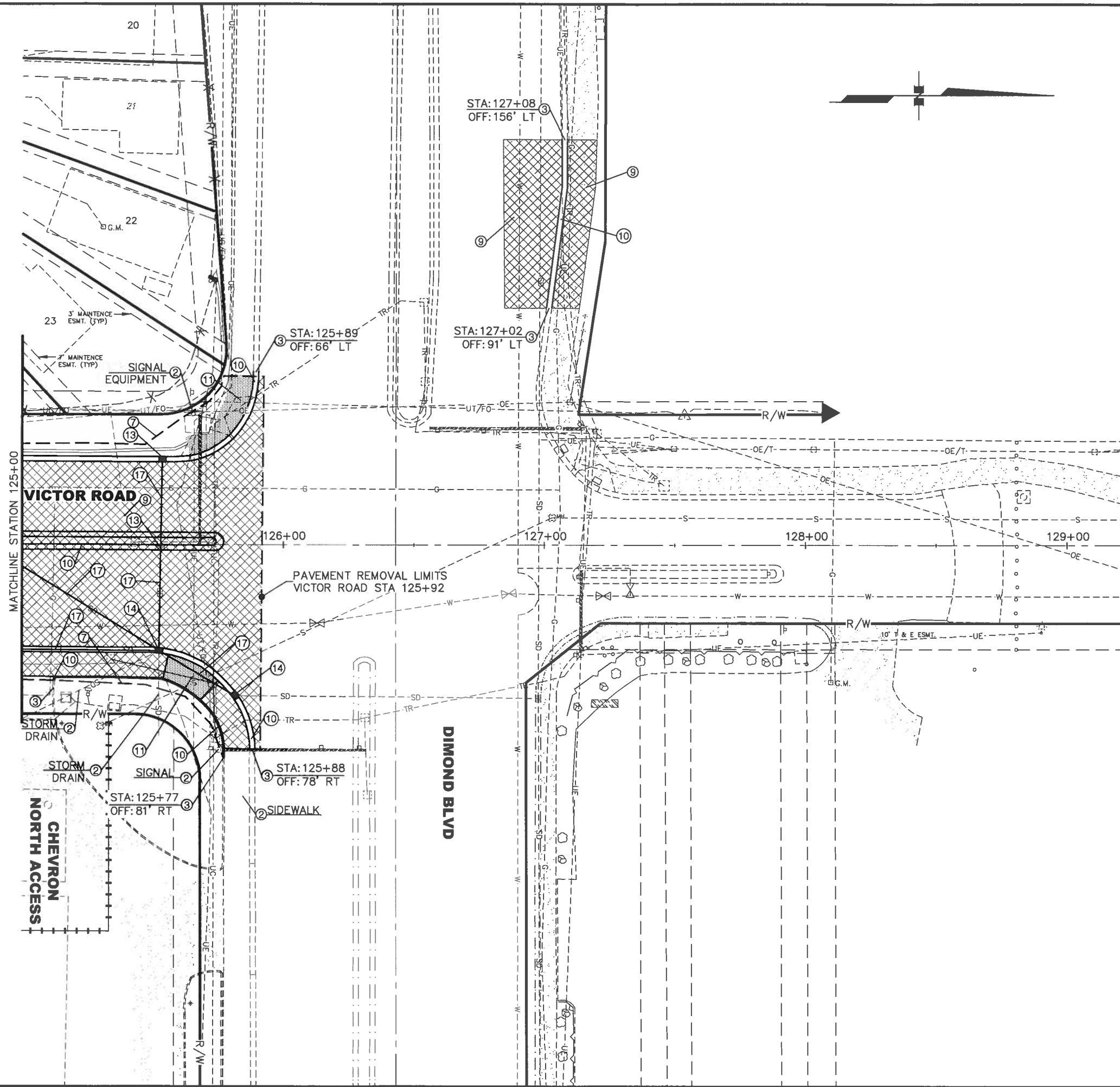
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

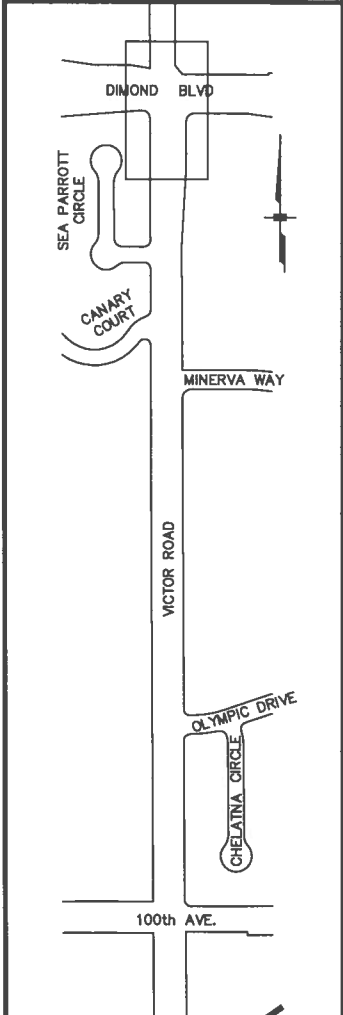
DEMOLITION PLAN
STA 120+50 TO 125+00

LOUNSBURY PROJECT NUMBER: XX-22X
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNATION: E:\Project\2001\01-045_B-2009\ENG\DELIVER\PLOT-Bld-Check\F_DEMO-PLAN.DWG
DATE: 04/14/2011 2:27
DRAWN BY: Melissa Drake
PLOTTED BY:

CERTIFICATION SET



SHEET NO.	TOTAL SHEETS	
F7	F20	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



FINAL PSE

STATE OF ALASKA
49TH
REGISTERED PROFESSIONAL ENGINEER

LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

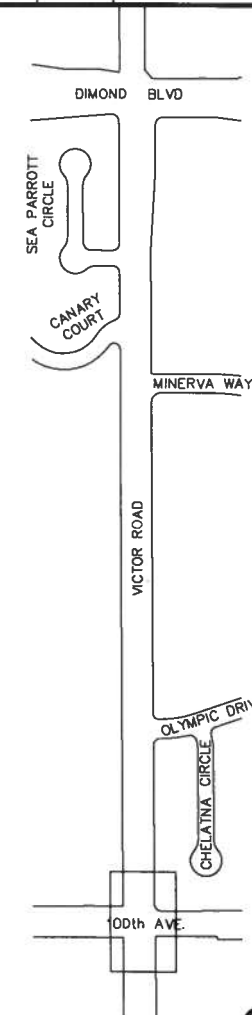
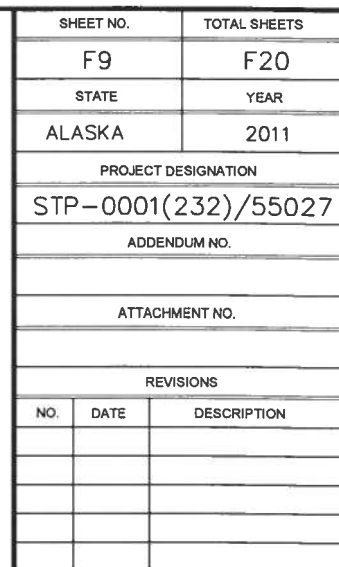
DEMOLITION PLAN
STA 125+00 TO EOP

STRUCTURE SUMMARY TABLE						
ID	STRUCTURE TYPE	STATION	OFFSET	TOP	CASTING TYPE	INVERTS
S0*	II	100+18.04	4.82 RT	60.38	MH	SW: 53.45** N: 52.58 SW: 53.75** SE: 53.45** E: 53.50** S: 53.70** W: 52.65
S130	CB	100+32.36	72.53 LT	60.26	CI	E: 54.64

CALL BEFORE YOU DIG
THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:
LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

CAUTION: EXACT LOCATION, SIZE, NUMBER, AND ELEVATION OF EXISTING UTILITIES MAY NOT BE SHOWN ACCURATELY. MULTIPLE PIPES/CABLES MAY EXIST WHERE ONE UTILITY IS SHOWN. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY LOCATION, SIZE, NUMBER, AND ELEVATION OF ALL EXISTING UTILITIES.

EXISTING GRADE
FINISH GRADE
ESTIMATED LIMITS OF EXCAVATION
EXISTING INSULATION DO NOT DISTURB
EXISTING WATER
EXISTING STORM DRAIN
EXISTING STORM DRAIN
EXISTING WATER
MATCH EXISTING STA: 99+40.3± ELEV: 62.2±
GRADE BREAK STA: 99+69.18 ELEV: 61.66
GRADE BREAK STA: 100+30.54 ELEV: 60.06
GRADE BREAK STA: 100+61.00 ELEV: 59.45
SLOPES: 2.00%, 2.60%, 2.00%, 3.00%
PM STA = 101+51.00
PVI ELEV = 56.75
LENGTH OF VC = 130.00'
GRAVEL PERCHED 4.0'-7.0'
SILT 10.0'
SILT 13.0'
SILT 16.5'
BOH 16.5'
SWB-17



FINAL

Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.

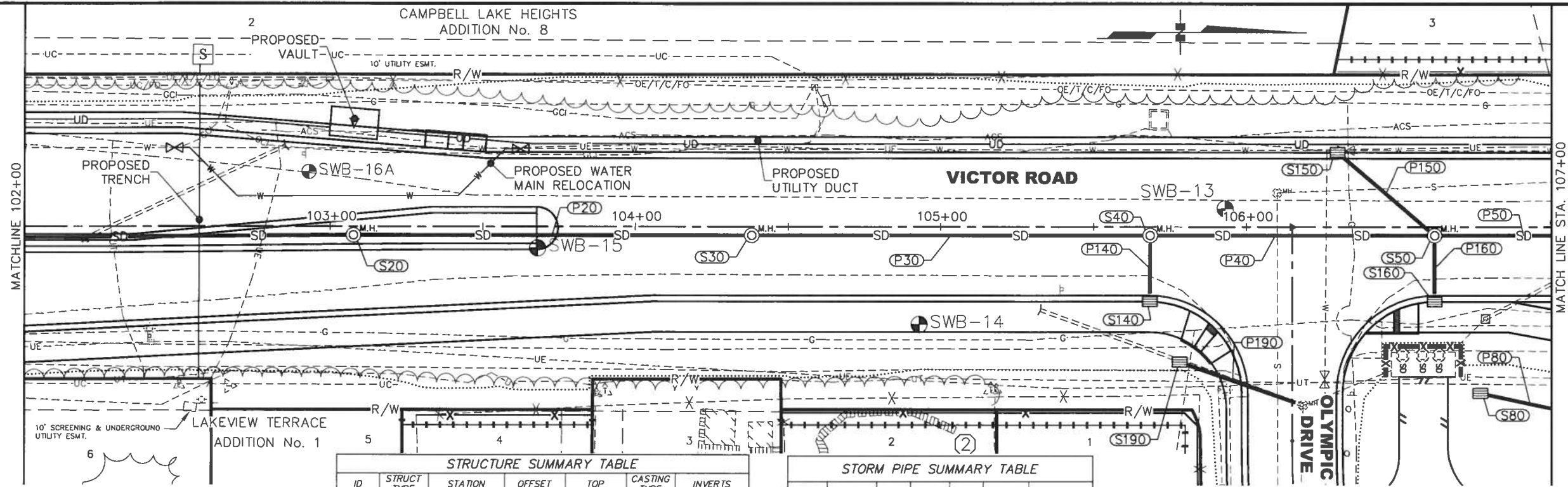
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

STREET & STORM DRAIN
IMPROVEMENTS
BOP TO 102+00

LOUNSBURY PROJECT NUMBER 101-046_B
T: \Project\2001\01-046_B-2009\ENG\DELIVER_Plot-Bld-Check-F-Steel-Storm-8
COMPUTER DESIGNATION STP-0001(232)/55027
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
DRAFTED BY Tom Gerritt
DATE 04/15/2011 10:03

CERTIFICATION SET

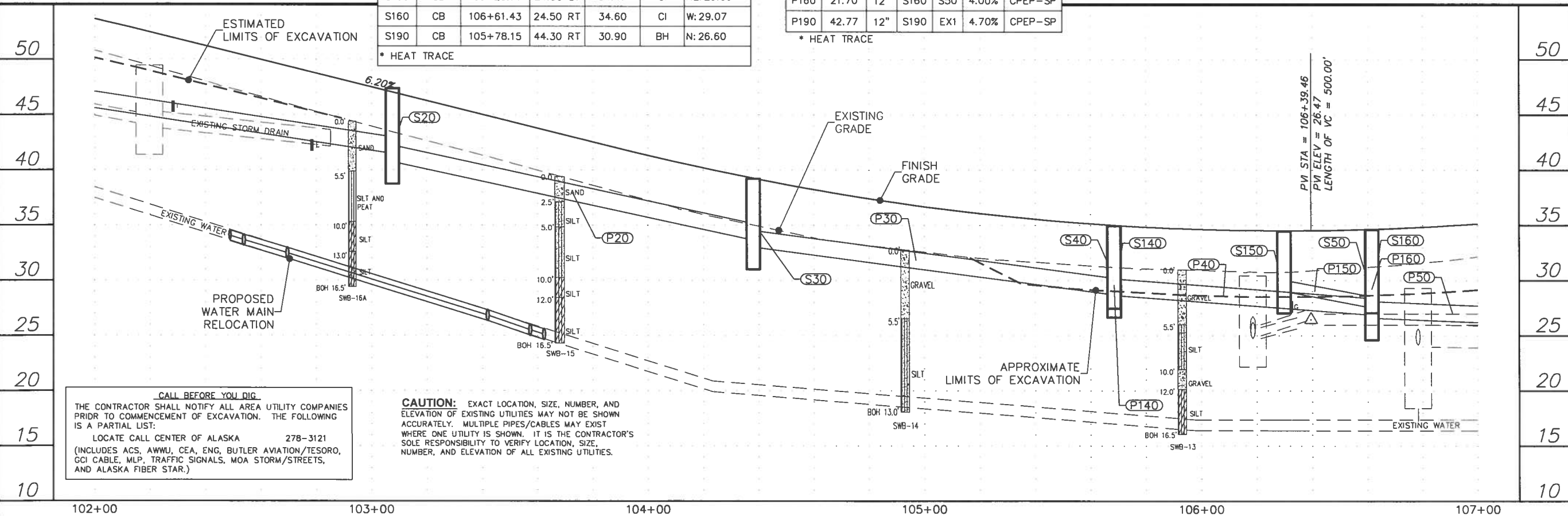


STRUCTURE SUMMARY TABLE						
ID	STRUCT TYPE	STATION	OFFSET	TOP	CASTING TYPE	INVERTS
S20	I	103+07.54	2.80 RT	47.39	MH	S: 41.48 N: 40.74
S30	I	104+38.01	2.80 RT	39.21	MH	S: 33.66 N: 33.02
S40	I	105+68.49	2.80 RT	34.95	MH	S: 28.72 N: 28.67 E: 28.76
S50	I	106+61.42	2.80 RT	34.59	MH	S: 26.89 N: 26.62 SW: 27.54 E: 28.36
S80*	CB	106+76.54	54.52 RT	29.50	BH	N: 26.42
S140	CB	105+68.40	24.50 RT	34.96	CI	W: 29.47
S150	CB	106+29.77	24.50 LT	34.47	CI	NE: 29.06
S160	CB	106+61.43	24.50 RT	34.60	CI	W: 29.07
S190	CB	105+78.15	44.30 RT	30.90	BH	N: 26.60

* HEAT TRACE

STORM PIPE SUMMARY TABLE						
PIPE ID	LENGTH	SIZE	FROM	TO	% SLOPE	TYPE
P20	130.47	18"	S20	S30	5.60%	CPEP-SP
P30	130.47	18"	S30	S40	3.40%	CPEP-SP
P40	92.94	18"	S40	S50	2.00%	CPEP-SP
P50	58.75	18"	S50	S60	1.10%	CPEP-SP
P80*	54.28	12"	S70	S80	0.30%	CPEP-S
P140	21.70	12"	S140	S40	4.00%	CPEP-SP
P150	41.80	12"	S150	S50	4.00%	CPEP-SP
P160	21.70	12"	S160	S50	4.00%	CPEP-SP
P190	42.77	12"	S190	EX1	4.70%	CPEP-SP

* HEAT TRACE



CALL BEFORE YOU DIG.
THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:
LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

CAUTION: EXACT LOCATION, SIZE, NUMBER, AND ELEVATION OF EXISTING UTILITIES MAY NOT BE SHOWN ACCURATELY. MULTIPLE PIPES/CABLES MAY EXIST WHERE ONE UTILITY IS SHOWN. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY LOCATION, SIZE, NUMBER, AND ELEVATION OF ALL EXISTING UTILITIES.

SHEET NO. F10TOTAL SHEETS F20

STATE ALASKAYEAR 2011

PROJECT DESIGNATION STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

NO. DATE DESCRIPTION

STATE OF ALASKA
49th
REGISTERED PROFESSIONAL ENGINEER

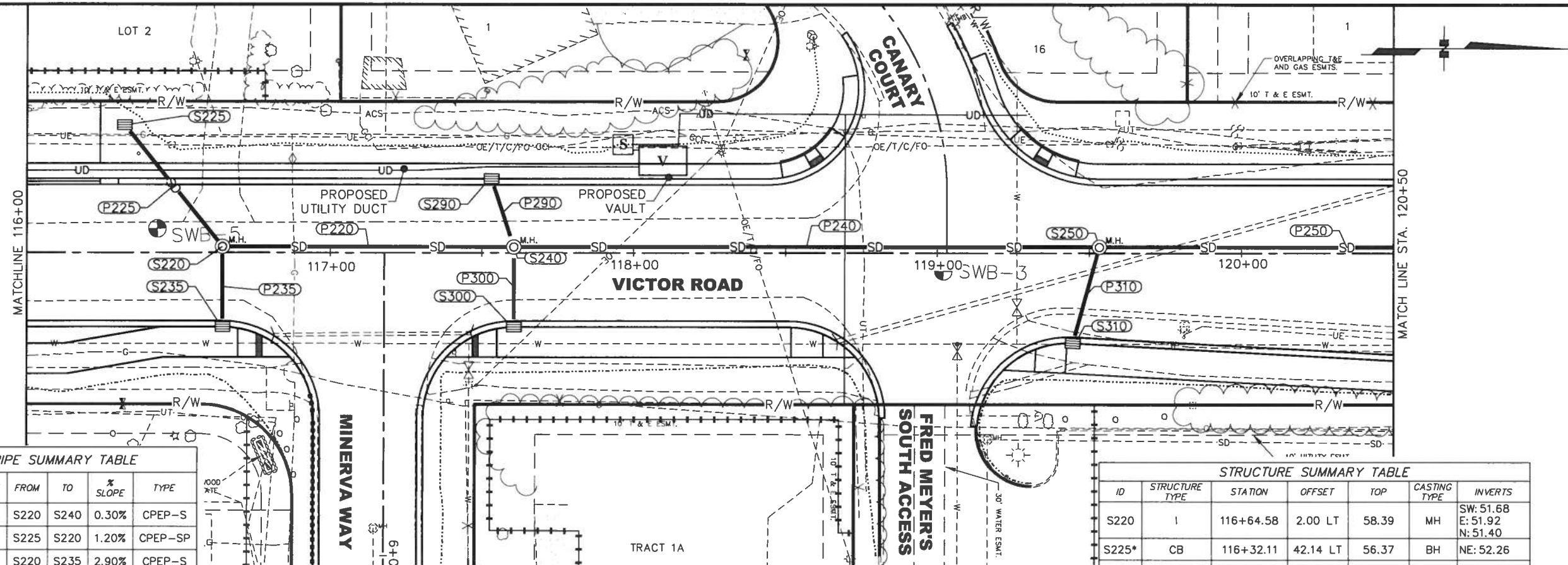
Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

STREET & STORM DRAIN
IMPROVEMENTS
STA 102+00 TO 107+00

LOUNSBURY PROJECT NUMBER 01-046_B
COMPUTER DESIGNATION T:\Project\2001\01-046_B-2009\ENC_DELIVER_Plot-Bid-Check_V-Storm-046.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
TOM CORRETT
CHECKED BY
DRAFTED BY
DATE 04.15.2011 3:37

CERTIFICATION SET



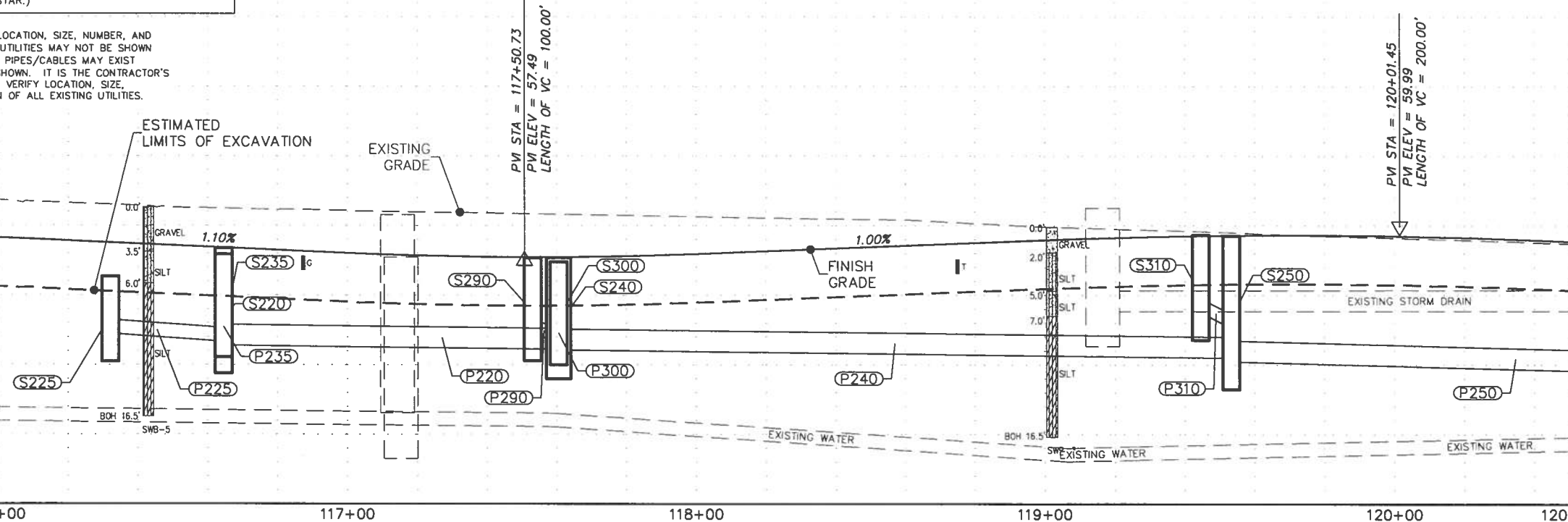
STORM PIPE SUMMARY TABLE						
PIPE ID	LENGTH	SIZE	FROM	TO	% SLOPE	TYPE
P220	96.00	18"	S220	S240	0.30%	CPEP-S
P225	51.63	12"	S225	S220	1.20%	CPEP-SP
P235	26.50	12"	S220	S235	2.90%	CPEP-S
P240	192.66	18"	S240	S250	0.30%	CPEP-S
P250	162.76	18"	S250	S260	0.70%	CPEP-S
P290	23.71	12"	S240	S290	3.80%	CPEP-S
P300	26.50	12"	S300	S240	2.00%	CPEP-S
P310	32.95	12"	S310	S250	4.00%	CPEP-S

STRUCTURE SUMMARY TABLE						
ID	STRUCTURE TYPE	STATION	OFFSET	TOP	CASTING TYPE	INVERTS
S220	I	116+64.58	2.00 LT	58.39	MH	SW: 51.68 E: 51.92 N: 51.40
S225*	CB	116+32.11	42.14 LT	56.37	BH	NE: 52.26
S235	CB	116+64.58	24.50 RT	57.95	CI	W: 52.58
S240	I	117+60.58	2.00 LT	57.71	MH	W: 51.59 N: 51.08 S: 51.13 E: 51.59 S: 50.52 N: 50.38 E: 52.64
S250	I	119+53.24	2.00 LT	59.28	MH	
S290	CB	117+53.11	24.50 LT	57.70	CI	E: 52.30
S300	CB	117+60.58	24.50 RT	57.41	CI	W: 52.02
S310	CB	119+44.52	29.78 RT	59.34	CI	W: 53.80

*GRADE DITCH TO DRAIN

CALL BEFORE YOU DIG.
THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:
LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

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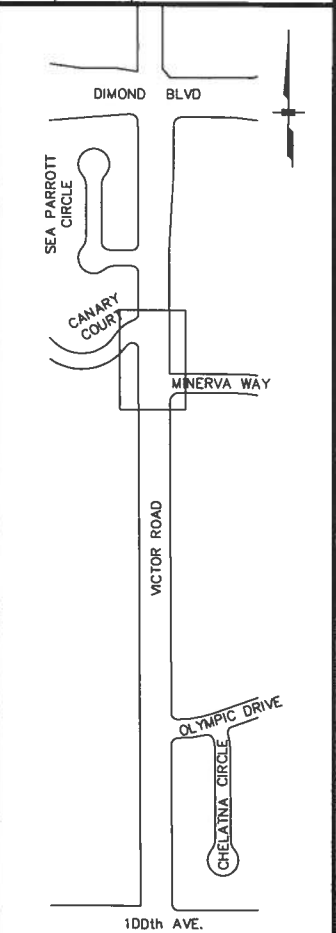


SHEET NO.	TOTAL SHEETS
F13	F20
STATE	YEAR
ALASKA	2011

PROJECT DESIGNATION	
STP-0001(232)/55027	
ADDENDUM NO.	

ATTACHMENT NO.	

REVISIONS		
NO.	DATE	DESCRIPTION



FINAL

STATE OF ALASKA
49th DISTRICT
REGISTERED PROFESSIONAL ENGINEER

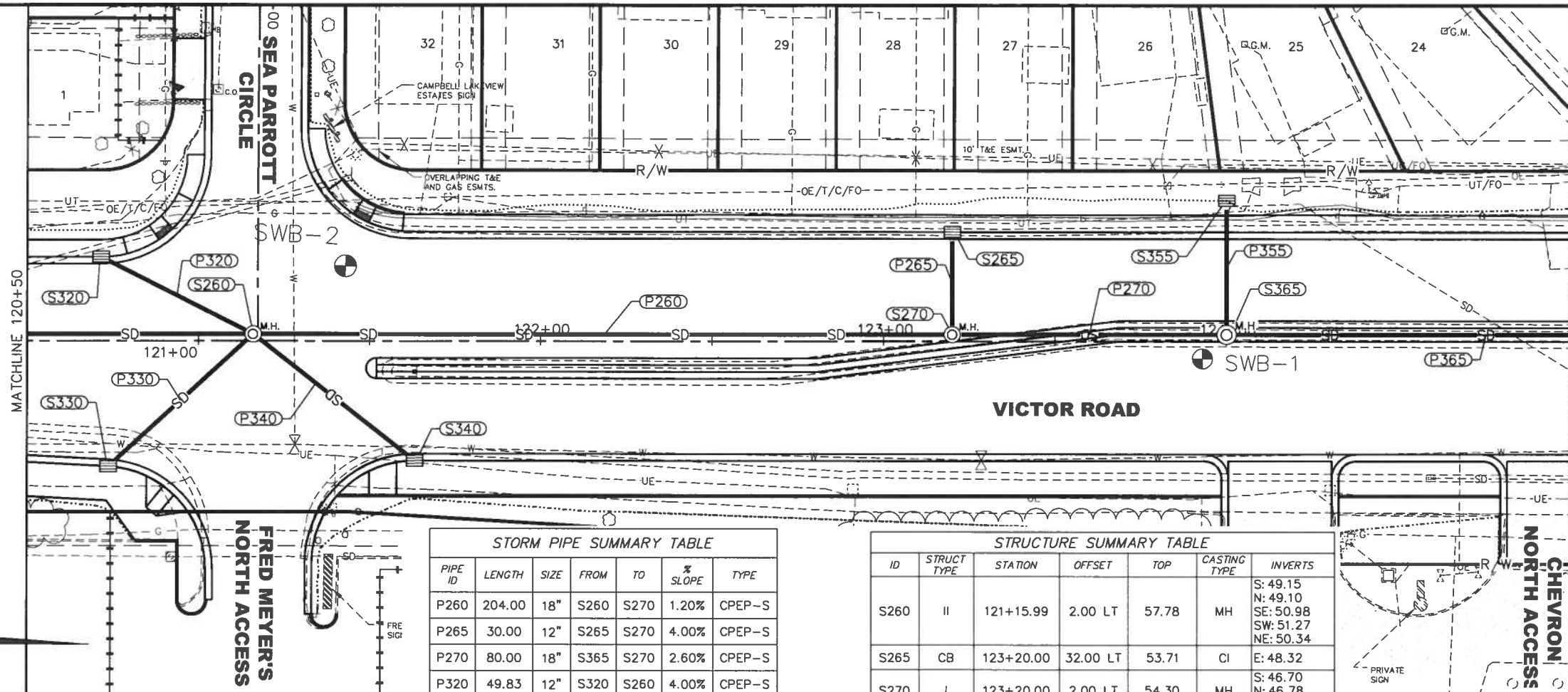
Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

STREET & STORM DRAIN
IMPROVEMENTS
STA 116+00 TO 120+50

LOUNSBURY PROJECT NUMBER 01-046_B
COMPUTER DESIGNATION T:\Project\2001\01-046_B-2009\ENG\DELIVER\P101-Bld-Check V-Street-Storm-Drain\01-046_B.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
CHECKED BY T. Garrett
DATE 04.16.2011 11:20
DRAWN BY T. Garrett

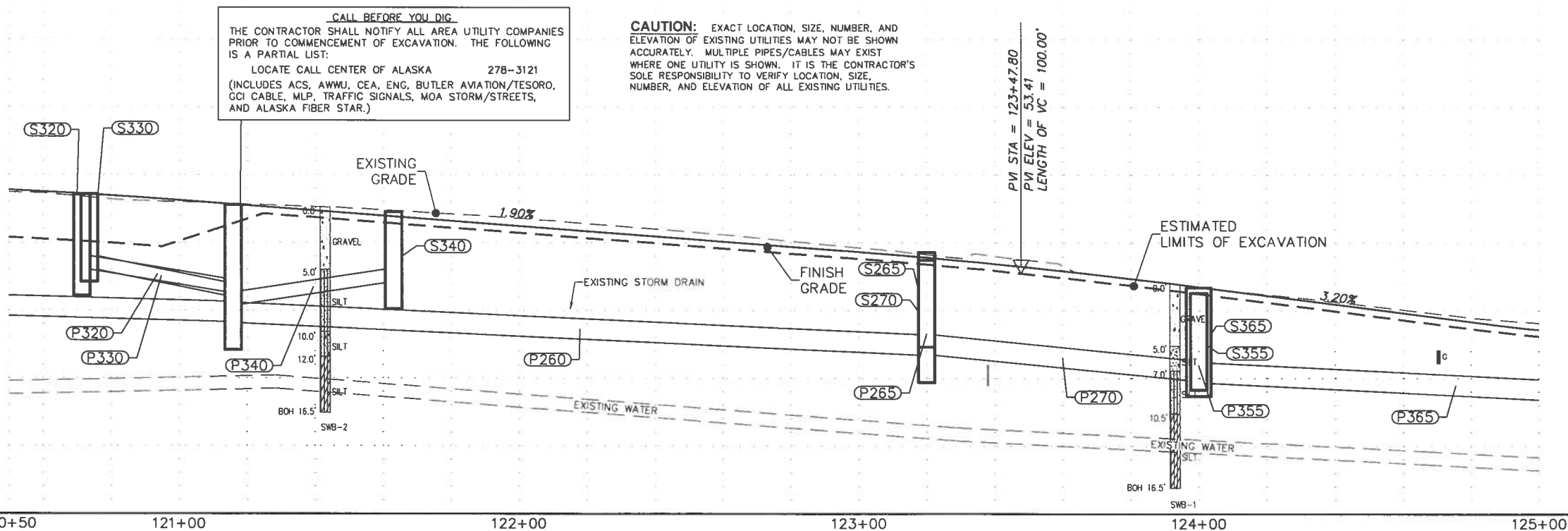
CERTIFICATION SET



STORM PIPE SUMMARY TABLE						
PIPE ID	LENGTH	SIZE	FROM	TO	% SLOPE	TYPE
P260	204.00	18"	S260	S270	1.20%	CPEP-S
P265	30.00	12"	S265	S270	4.00%	CPEP-S
P270	80.00	18"	S365	S270	2.60%	CPEP-S
P320	49.83	12"	S320	S260	4.00%	CPEP-S
P330	57.35	12"	S330	S260	4.00%	CPEP-S
P340	59.90	12"	S340	S260	3.20%	CPEP-S
P355	39.20	12"	S355	S365	4.00%	CPEP-S
P365*	151.07	18"	S365	S360	1.30%	CPEP-S

*INSULATE PIPE P365

STRUCTURE SUMMARY TABLE						
ID	STRUCT TYPE	STATION	OFFSET	TOP	CASTING TYPE	INVERTS
S260	II	121+15.99	2.00 LT	57.78	MH	S: 49.15 N: 49.10 SE: 50.98 SW: 51.27 NE: 50.34
S265	CB	123+20.00	32.00 LT	53.71	CI	E: 48.32
S270	I	123+20.00	2.00 LT	54.30	MH	S: 46.70 N: 46.78 W: 47.28
S320	CB	120+71.53	24.50 LT	58.55	CI	NE: 53.10
S330	CB	120+73.72	36.75 RT	58.56	CI	NW: 53.11
S340	CB	121+63.10	35.00 RT	57.29	CI	SW: 52.13
S355	CB	124+00.00	41.20 LT	51.30	BH	E: 46.16
S365	II	124+00.00	2.00 LT	51.70	CI	W: 44.76 N: 44.71 NE: 51.70



CALL BEFORE YOU DIG
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LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWJ, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

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PM STA = 123+47.80
PM ELEV = 53.41
LENGTH OF VC = 100.00'

SHEET NO.	TOTAL SHEETS	
F14	F20	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

FINAL PS&E

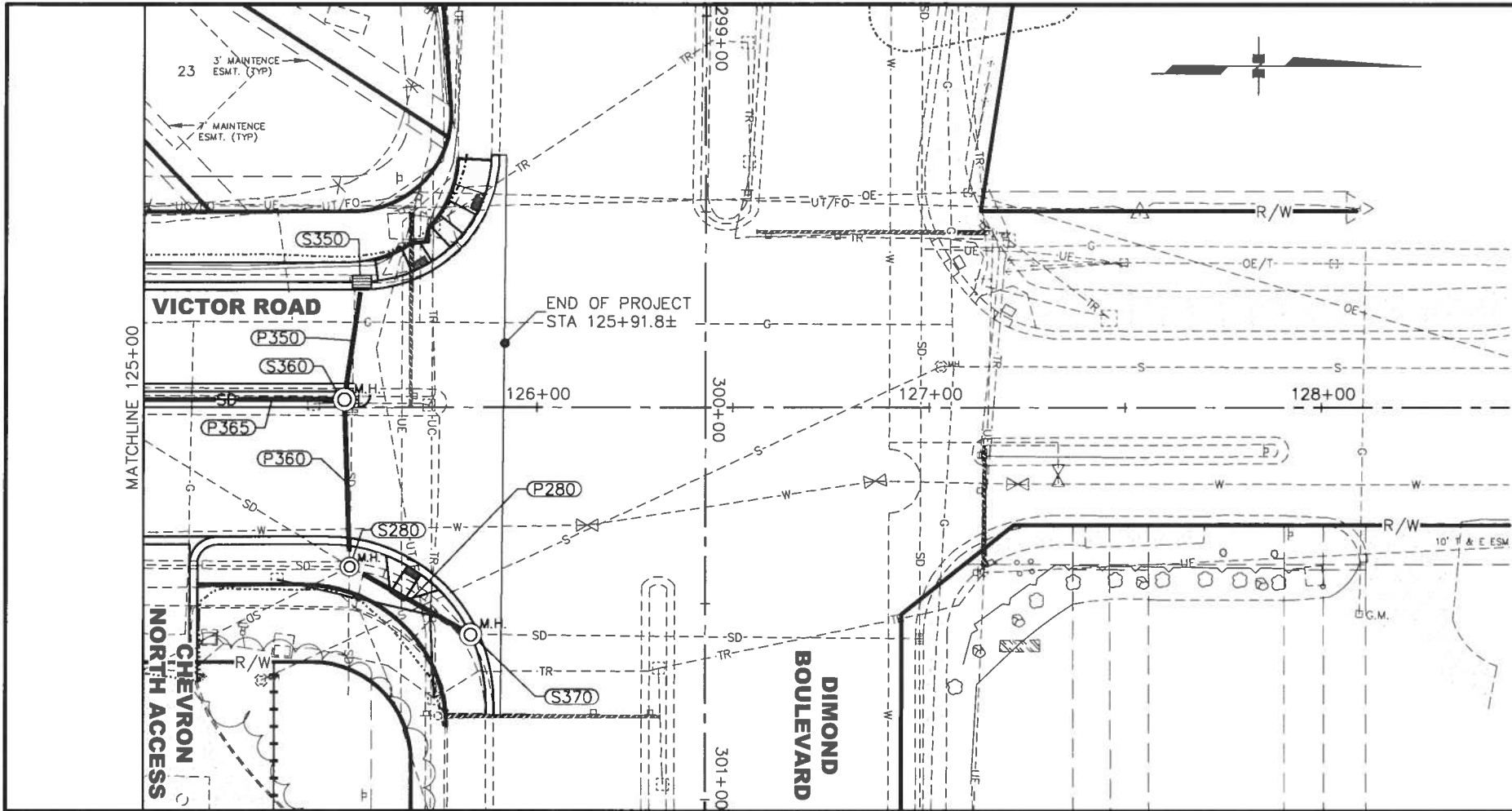
Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

STREET & STORM DRAIN
IMPROVEMENTS
STA. 120+50 TO 125+00

LOUNSBURY PROJECT NUMBER 01-046_B
COMPUTER DESIGNATION T:\Project\2001\01-046_B-2009\ENC\DELIVER_Plot-Bld-Check\F-Street-Storm-Drain\01-046.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
DRAFTED BY 04.15.2011 4:13

CERTIFICATION SET

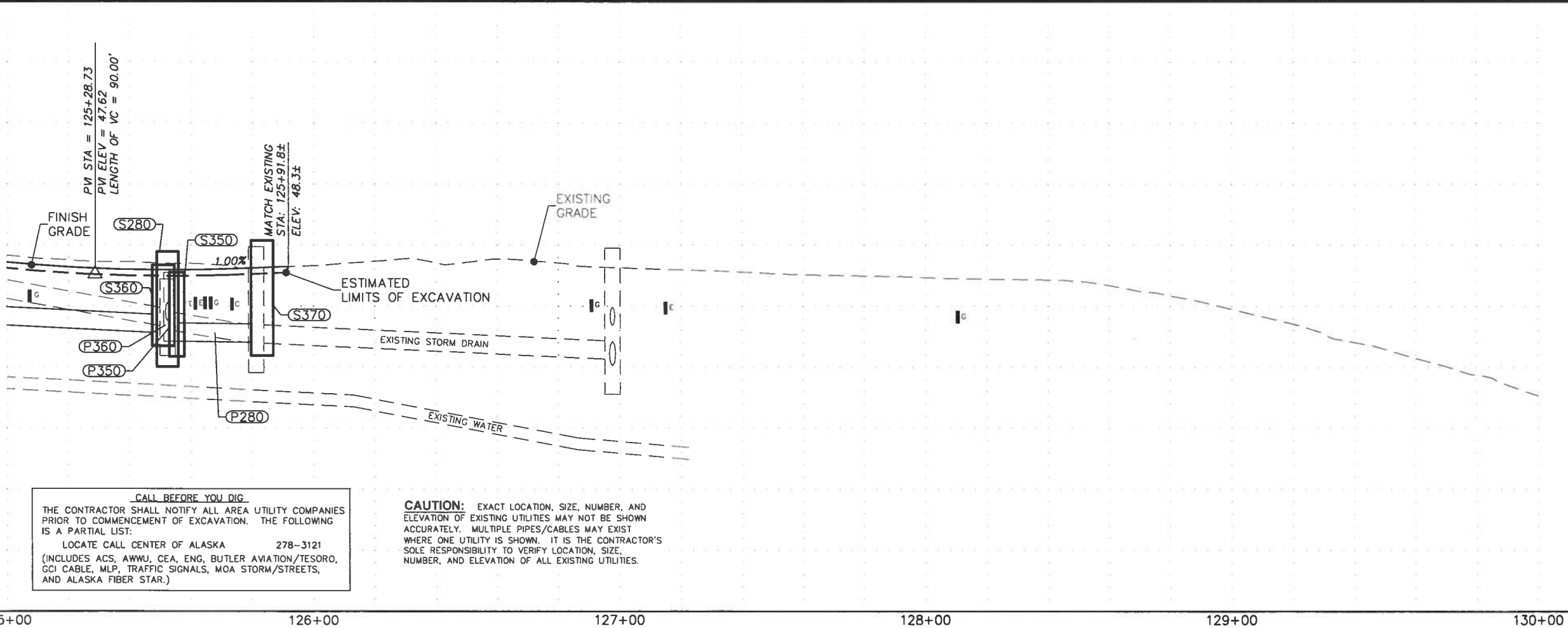


STORM PIPE SUMMARY TABLE						
PIPE ID	LENGTH	SIZE	FROM	TO	% SLOPE	TYPE
P280	35.25	18"	S280	S370	0.30%	CPEP-S
P350*	30.32	12"	S360	S350	0.30%	CPEP-S
P360*	42.67	18"	S280	S360	0.30%	CPEP-S
P365*	151.07	18"	S365	S360	1.30%	CPEP-S

*INSULATE PIPES P350, P360, & P365

STRUCTURE SUMMARY TABLE						
ID	STRUCTURE TYPE	STATION	OFFSET	TOP	CASTING TYPE	INVERTS
S280	II	125+52.48	40.64 RT	49.46	MH	W: 42.63 NE: 42.13 E: 43.71 SE: 43.80
S350	CB	125+55.45	32.00 LT	47.77	CI	E: 42.87
S360	II	125+51.07	2.00 LT	48.37	CI	W: 42.79 E: 42.74 S: 42.79
S370*	II	125+83.24	57.87 RT	50.39	CI	SW: 42.04 EX N: 41.97

* INSTALL ON EXISTING CMP STORM DRAIN PIPE.



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SHEET NO. F15

TOTAL SHEETS F20

STATE ALASKA

YEAR 2011

PROJECT DESIGNATION

STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

NO.	DATE	DESCRIPTION

STATE OF ALASKA

49

REGISTERED PROFESSIONAL ENGINEER

Drawing Prepared By:

LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION

100TH AVE TO DIMOND BLVD

STREET & STORM DRAIN IMPROVEMENTS

STA. 125+00 TO EOP

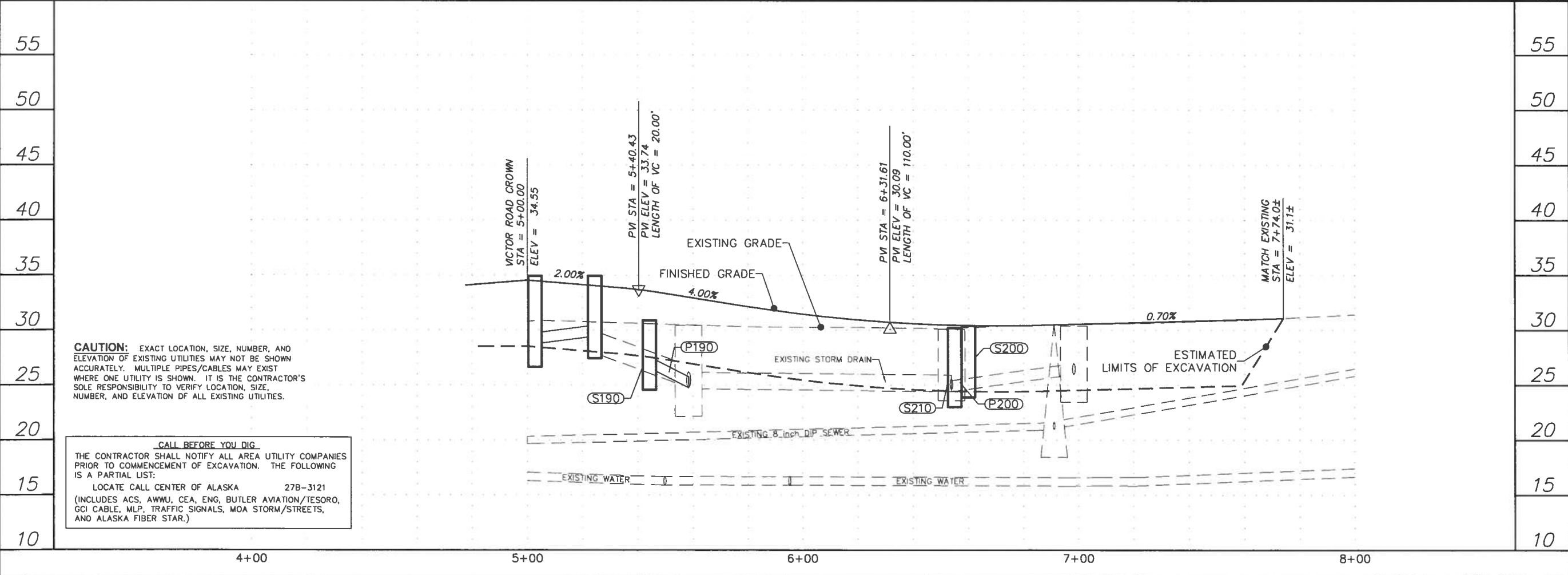
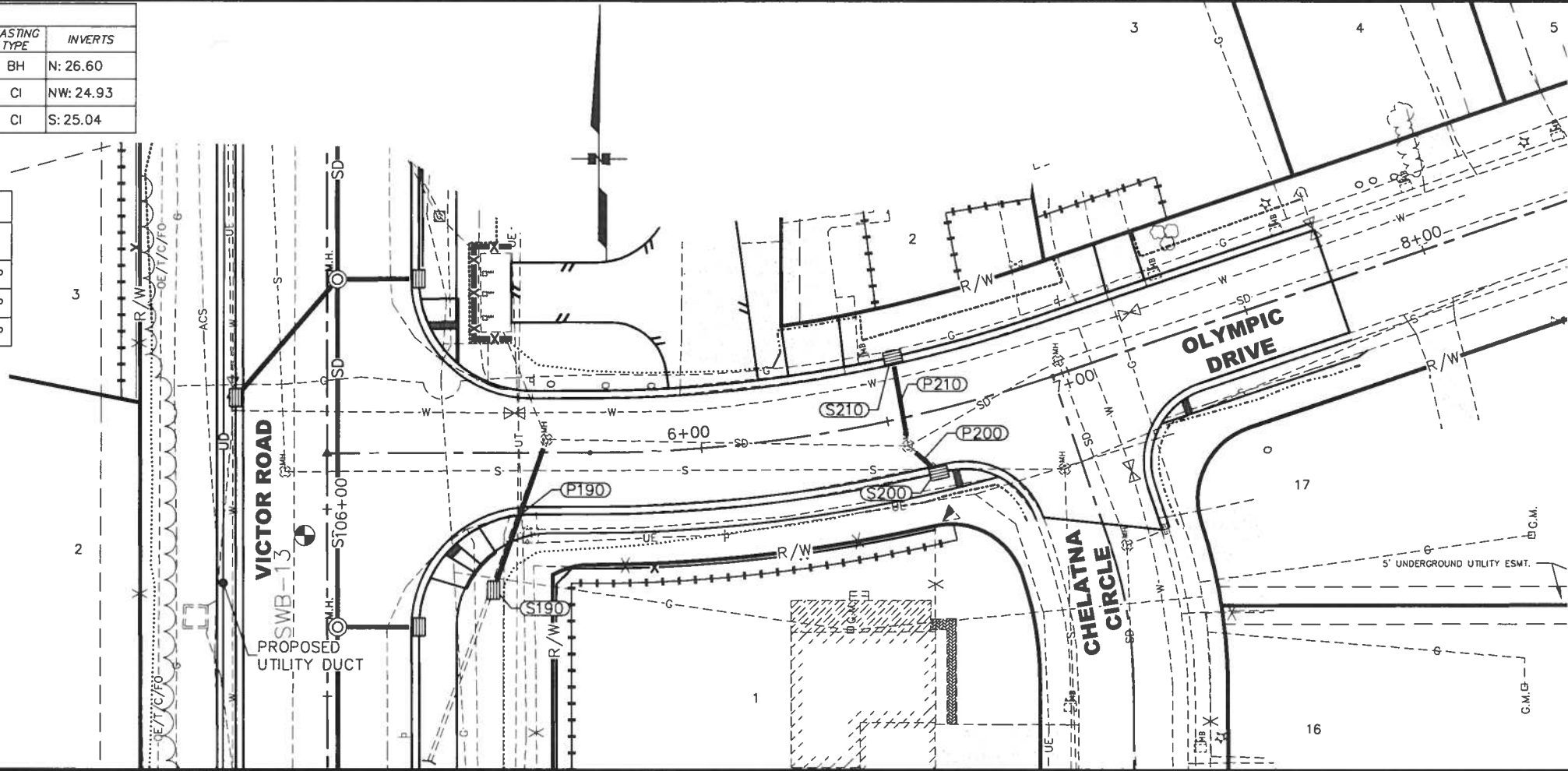
LOUNSBURY PROJECT NUMBER 01-046_B
COMPUTER DESIGNATION T:_Project\2001\01-046_B-2009\ENG_DELIVER_Plot-Bld-Check V_Olympic-Street
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
CHECKED BY S. KROGER/Check
PLOT DATE 04.16.2011 11:33
DRAFTED BY Tom Correll

CERTIFICATION SET

STRUCTURE SUMMARY TABLE						
ID	STRUCTURE TYPE	STATION	OFFSET	TOP	CASTING TYPE	INVERTS
S190	CB	105+78.15	44.30 RT	30.90	BH	N: 26.60
S200	CB	6+60.00	16.50 RT	30.40	CI	NW: 24.93
S210	CB	6+55.00	16.50 LT	30.21	CI	S: 25.04

STORM PIPE SUMMARY TABLE						
PIPE ID	LENGTH	SIZE	FROM	TO	% SLOPE	TYPE
P190*	42.77	12"	S190	EX1	6.45%	CPEP-SP
P200*	10.90	12"	EX2	S200	1.11%	CPEP-SP
P210*	24.15	12"	EX2	S210	1.69%	CPEP-SP

* CONNECT PIPES TO EXISTING MANHOLES



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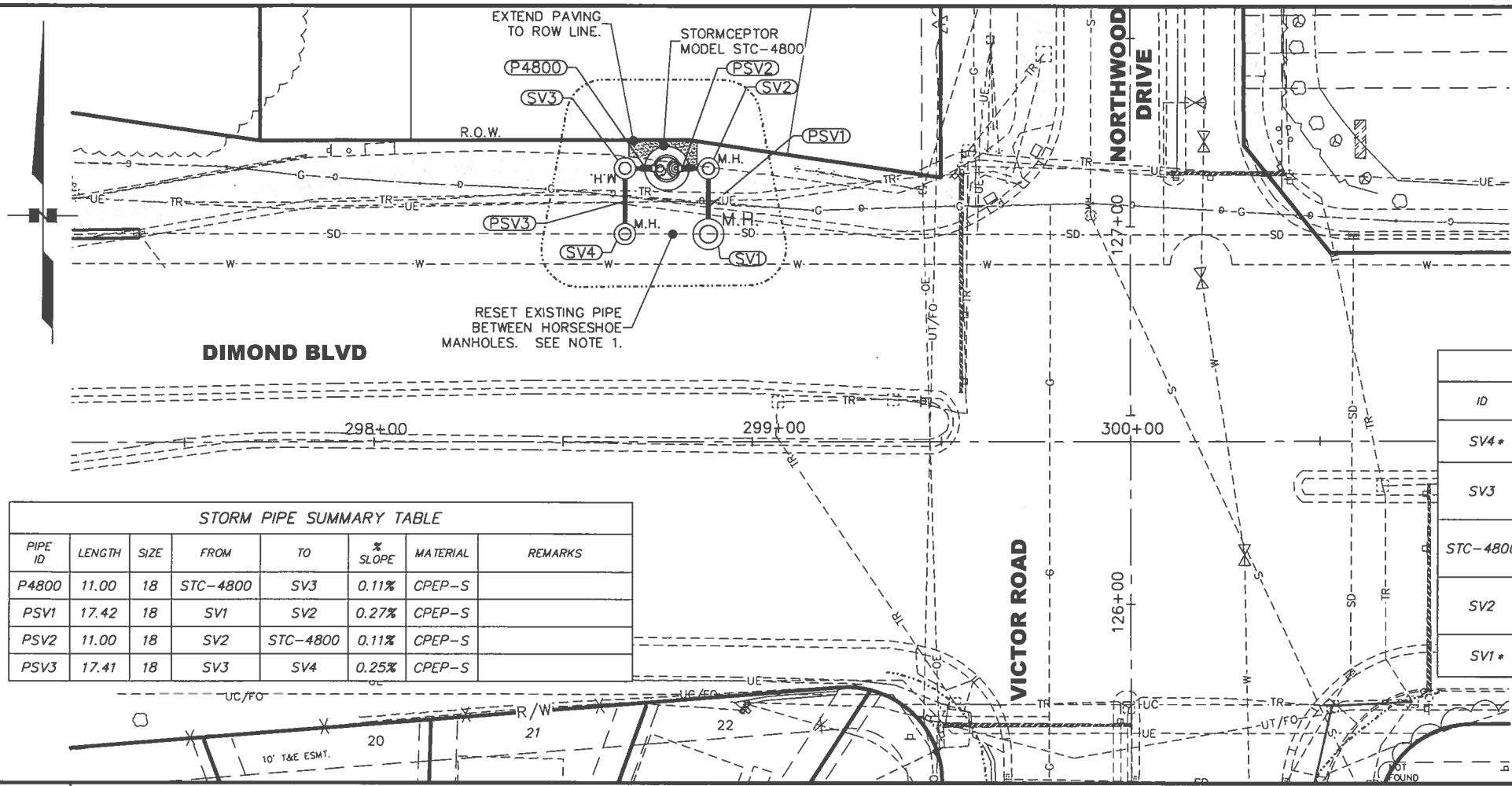
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STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

DIMOND BLVD
SEA PARROTT CIRCLE
CANARY COURT
MINERVA WAY
VICTOR ROAD
OLYMPIC DRIVE
100th AVE.
CHELATNA CIRCLE

FINAL
STATE OF ALASKA
49th
REGISTERED PROFESSIONAL ENGINEER
Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
STREET & STORM DRAIN
IMPROVEMENTS
OLYMPIC DRIVE

LOUNSBURY PROJECT NUMBER: 01-046.B
COMPUTER DESIGNATION: T:\Project\2001\01-046.B-2009\ENG\DELIVER_Prel-Bid-Check\Dimond-OGS-S-Storm-Improvements-Chk-01-046.dwg
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: T. J. GORETT
DATE: 04.18.2011 11:30
DRAFTED BY: Tom Gorett

CERTIFICATION SET



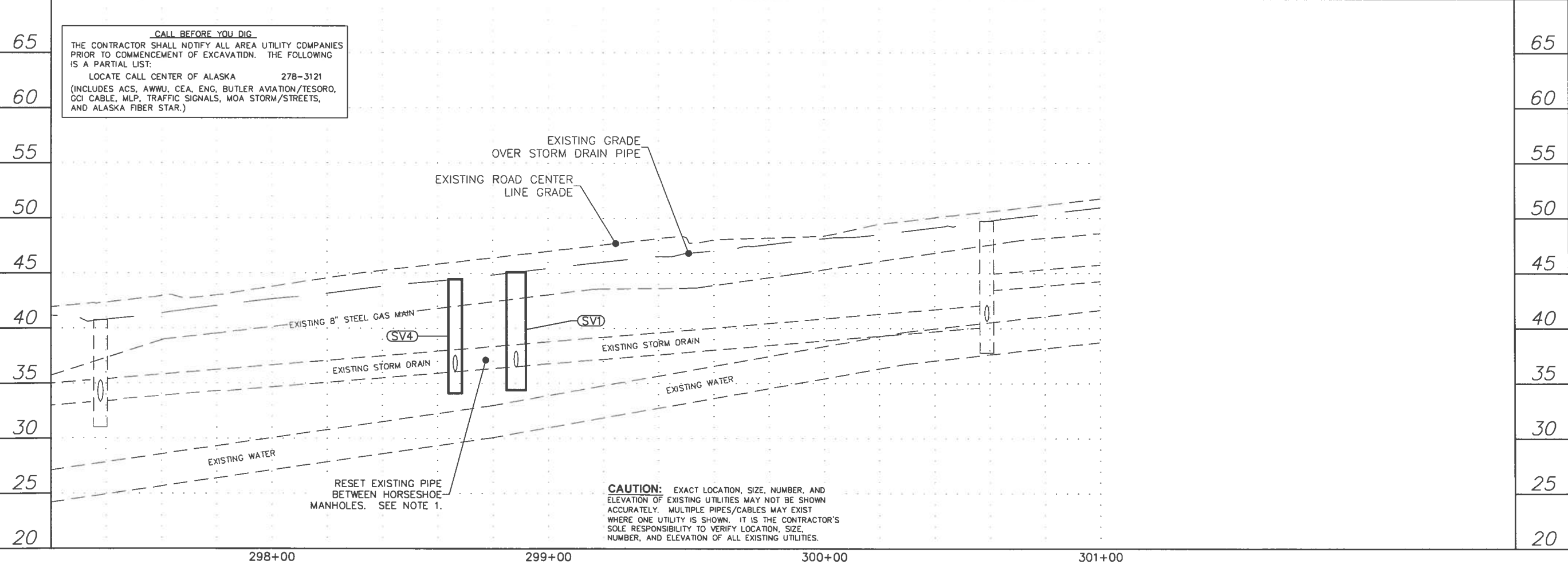
- NOTE
1. RESET EXISTING PIPE BETWEEN HORSESHOE MANHOLES. IF REQUIRED DUE TO PIPE DEGRADATION, REPLACE EXISTING PIPE WITH 24" CPEP TYPE S. CONTRACTOR TO FIELD VERIFY THE PIPE CONDITION PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY OF THE FINDINGS.
 2. CUT AND REMOVE EXISTING PIPE INSIDE OF MANHOLES.
 3. INSTALL DIVERTER ON STORM DRAIN STRUCTURE SV1.
 4. INSTALL OGS STORMCEPTOR MODEL STC 4800 (OR EQUIVALENT) PER THE MANUFACTURER'S RECOMMENDATIONS.

STORM PIPE SUMMARY TABLE							
PIPE ID	LENGTH	SIZE	FROM	TO	% SLOPE	MATERIAL	REMARKS
P4800	11.00	18	STC-4800	SV3	0.11%	CPEP-S	
PSV1	17.42	18	SV1	SV2	0.27%	CPEP-S	
PSV2	11.00	18	SV2	STC-4800	0.11%	CPEP-S	
PSV3	17.41	18	SV3	SV4	0.25%	CPEP-S	

STORM STRUCTURE SUMMARY TABLE							
ID	TYPE	STATION	OFFSET	CASTING TOP	CASTING TYPE	INVERT ELEVATION	REMARKS
SV4*	I	298+66.35	55.12 LT	44.47	MH	E 36.54 N 36.12	INSTALL ON EXISTING PIPE.
SV3	I	298+66.37	72.53 LT	44.94	MH	S 36.21 E 36.26	
STC-4800	II	298+77.37	72.51 LT	45.30	MH	E 36.30 W 36.30	
SV2	I	298+88.37	72.49 LT	45.65	MH	S 36.39 W 36.34	
SV1*	II	298+88.38	55.07 LT	45.10	MH	E 36.10 N 36.49	INSTALL ON EXISTING PIPE. SEE NOTE 3.

*CONSTRUCT HORSESHOE MANHOLES

PIPE. SEE NOTE 3



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SHEET NO.	TOTAL SHEETS	
F17	F20	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

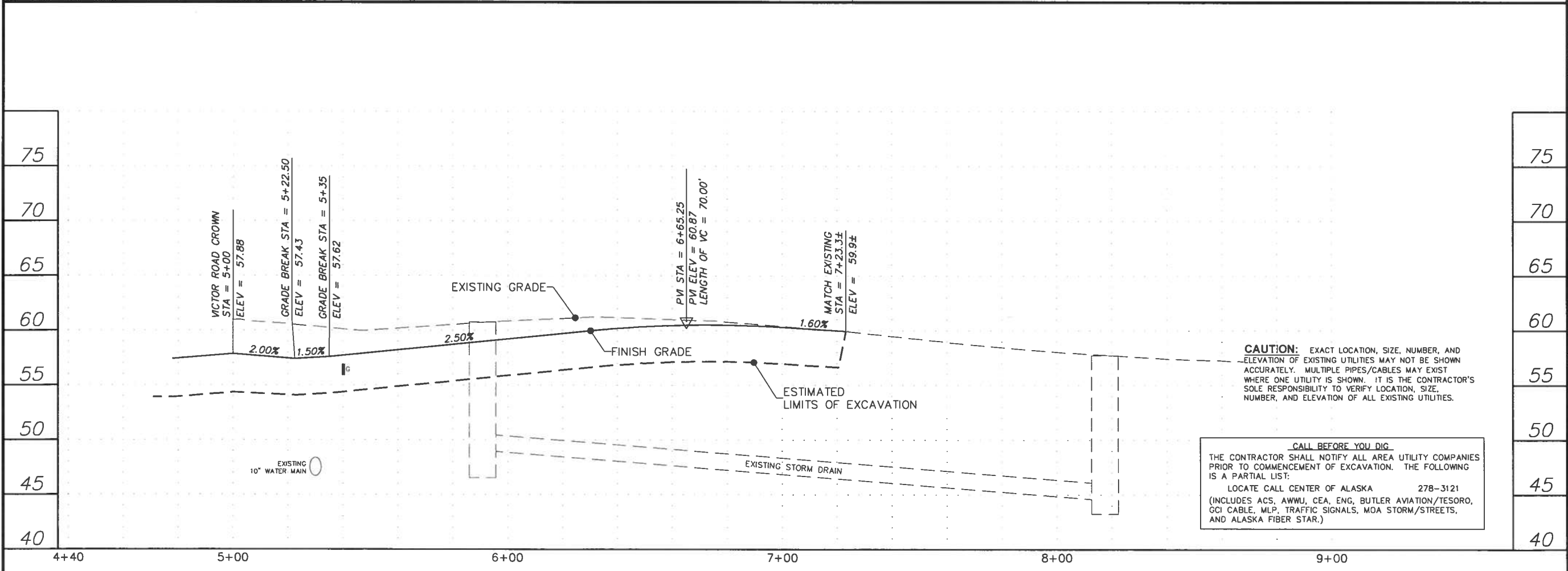
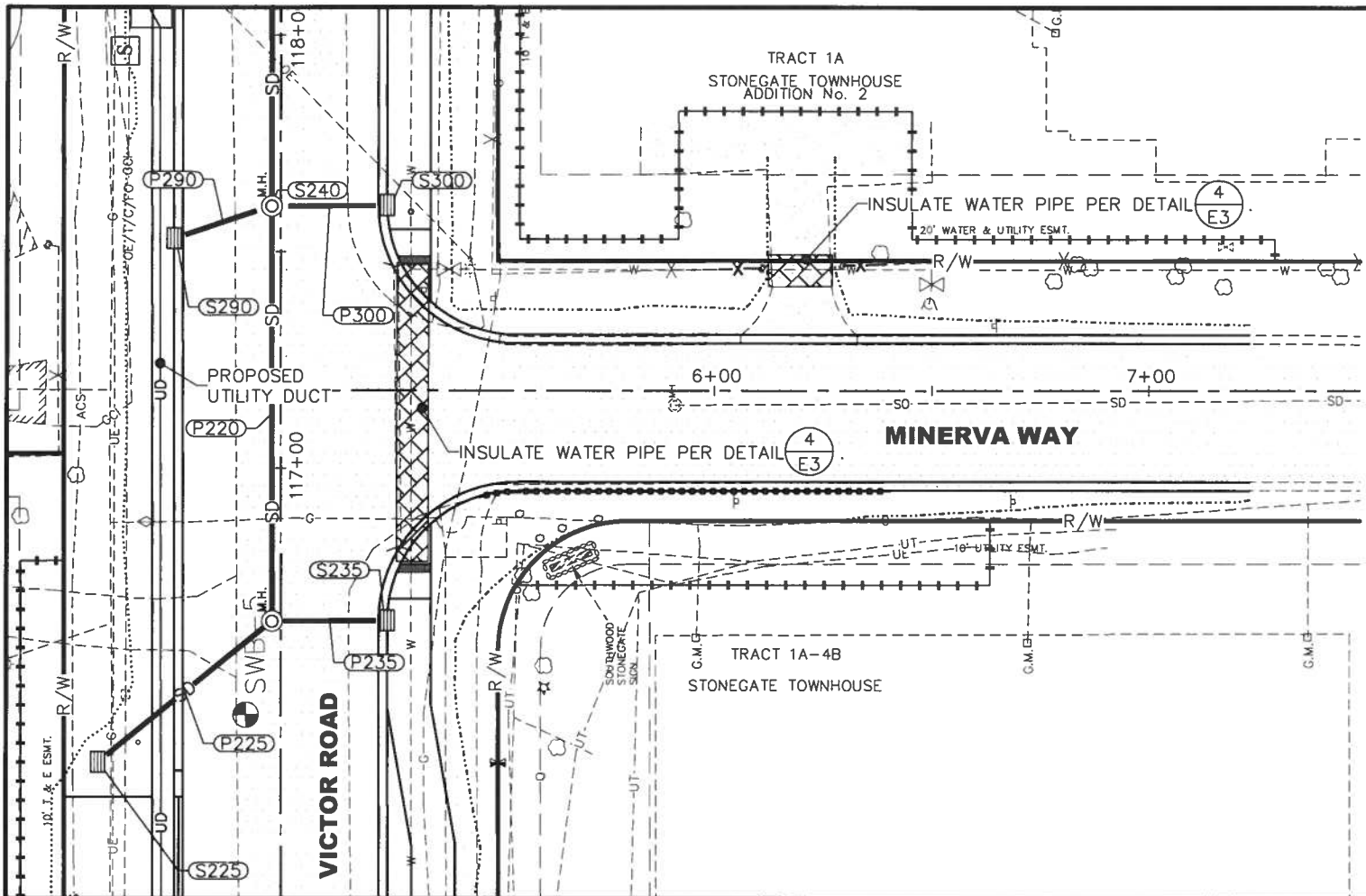
Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

STORM DRAIN
IMPROVEMENTS
O/G SEPARATOR

LOUNSBURY PROJECT NUMBER 01-046 B
COMPUTER DESIGNATION T:_Project\2001\01-046_B-2009\ENG_DELIVER_Plot-Bld-Check\F MINERVA-Street-Check\Sheet\Check_D1-046.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
CHECKED BY
DATE 04.16.2011 10:48
DRAFTED BY
PLOTTED BY Tom Gerritt

CERTIFICATION SET



CAUTION: EXACT LOCATION, SIZE, NUMBER, AND ELEVATION OF EXISTING UTILITIES MAY NOT BE SHOWN ACCURATELY. MULTIPLE PIPES/CABLES MAY EXIST WHERE ONE UTILITY IS SHOWN. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY LOCATION, SIZE, NUMBER, AND ELEVATION OF ALL EXISTING UTILITIES.

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SHEET NO.	TOTAL SHEETS	
F18	F20	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

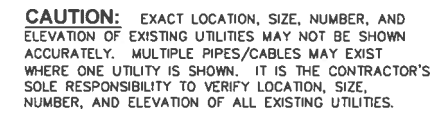
FINAL

Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.
REGISTERED PROFESSIONAL ENGINEER
STATE OF ALASKA
49th
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

**VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD**

STREET IMPROVEMENTS
MINERVA WAY

CERTIFICATION SET



60

55

50

45

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

Seal of the State of Alaska, Department of Transportation and Public Facilities, featuring a star and the text "40th ANNUAL PROFESSIONAL ENGINEER".

Drawing prepared by
LOUNSBURY & ASSOCIATES, INC.

STREET IMPROVEMENTS
CANARY COURT

DIMOND BLVD

SEA PARROTT CIRCLE

CANARY COURT

VICTOR ROAD

MINERVA WAY

OLYMPIC DRIVE

CHELATINA CIRCLE

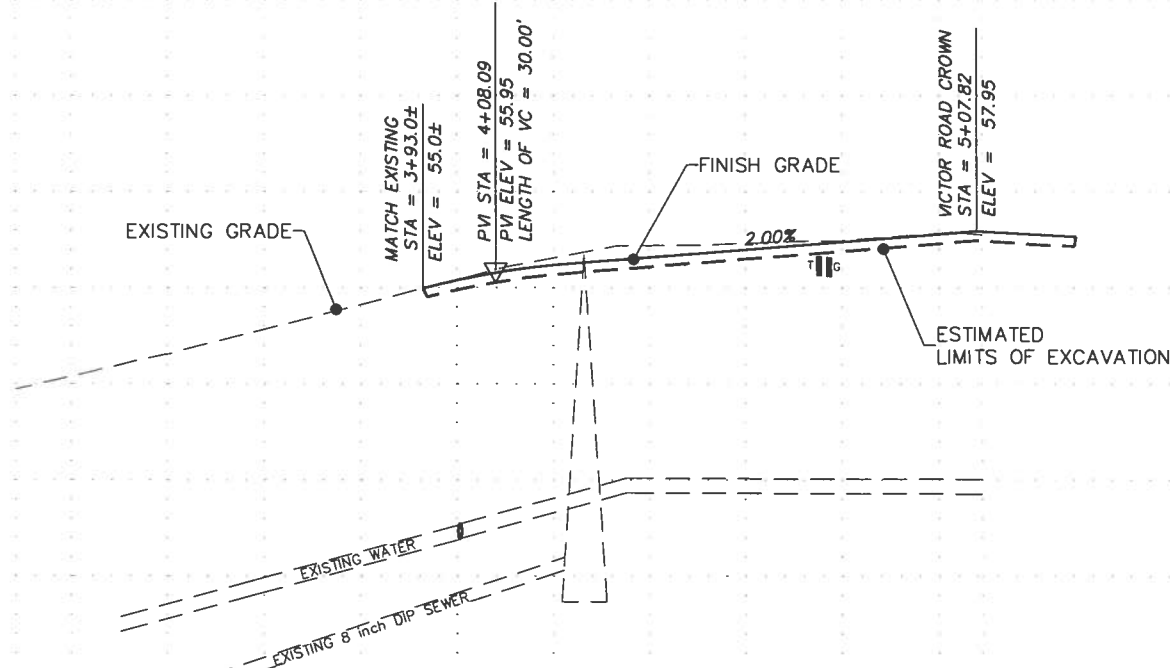
100th AVE.

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DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: [Signature]
DATE: 04.18.2011 11:05
DRAFTED BY: Tom Corbett

CERTIFICATION SET

75
70
65
60
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50
45
40

3+08 4+00 5+06+09 5+60

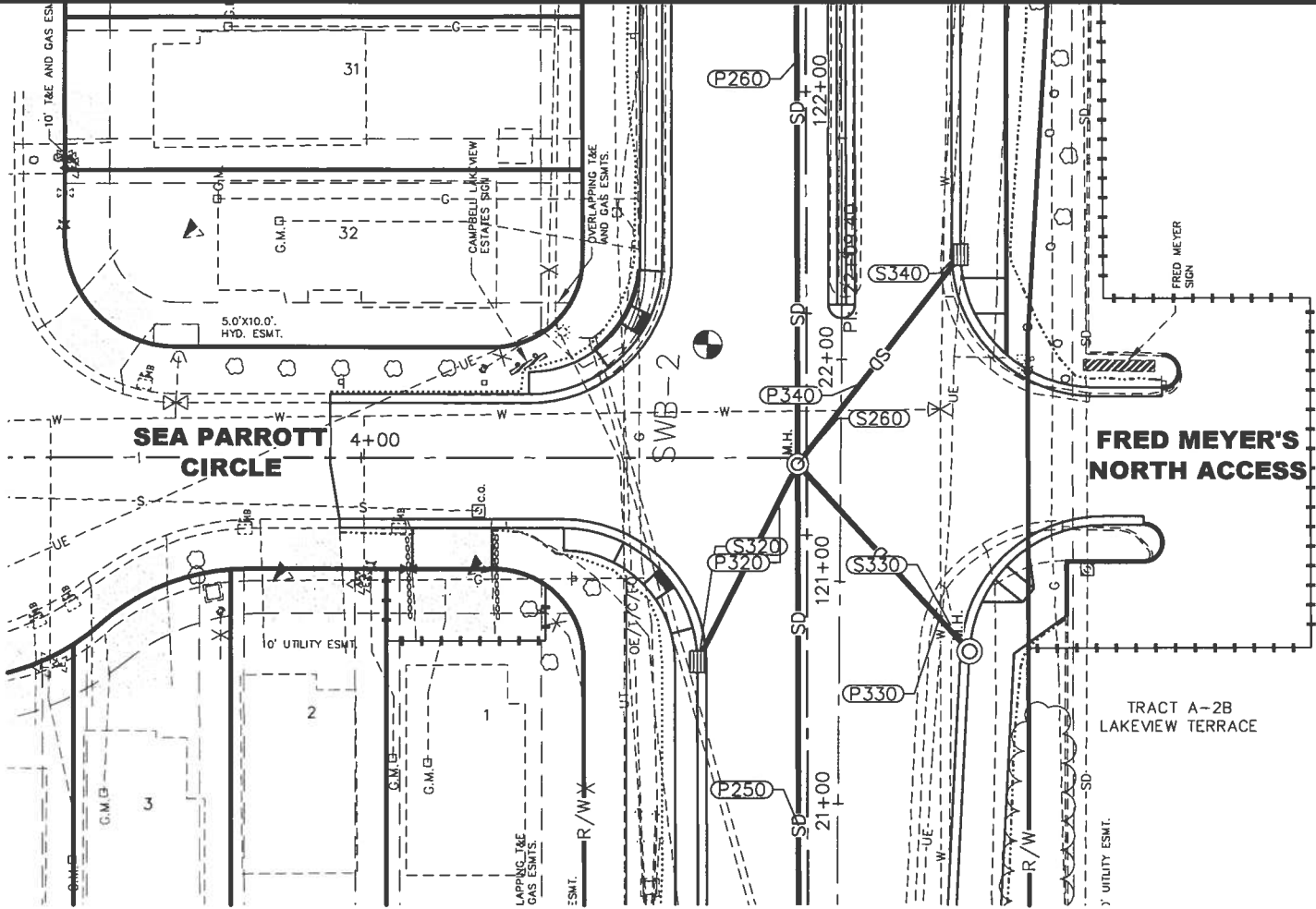


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SHEET NO.	TOTAL SHEETS	
F20	F20	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

DIMOND BLVD
SEA PARROTT CIRCLE
CANARY COURT
MINERVA WAY
VICTOR ROAD
OLYMPIC DRIVE
CHELATNA CIRCLE
100th AVE.

FINAL PS&E

Drawing prepared by:
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

STREET IMPROVEMENTS
SEA PARROTT CIRCLE

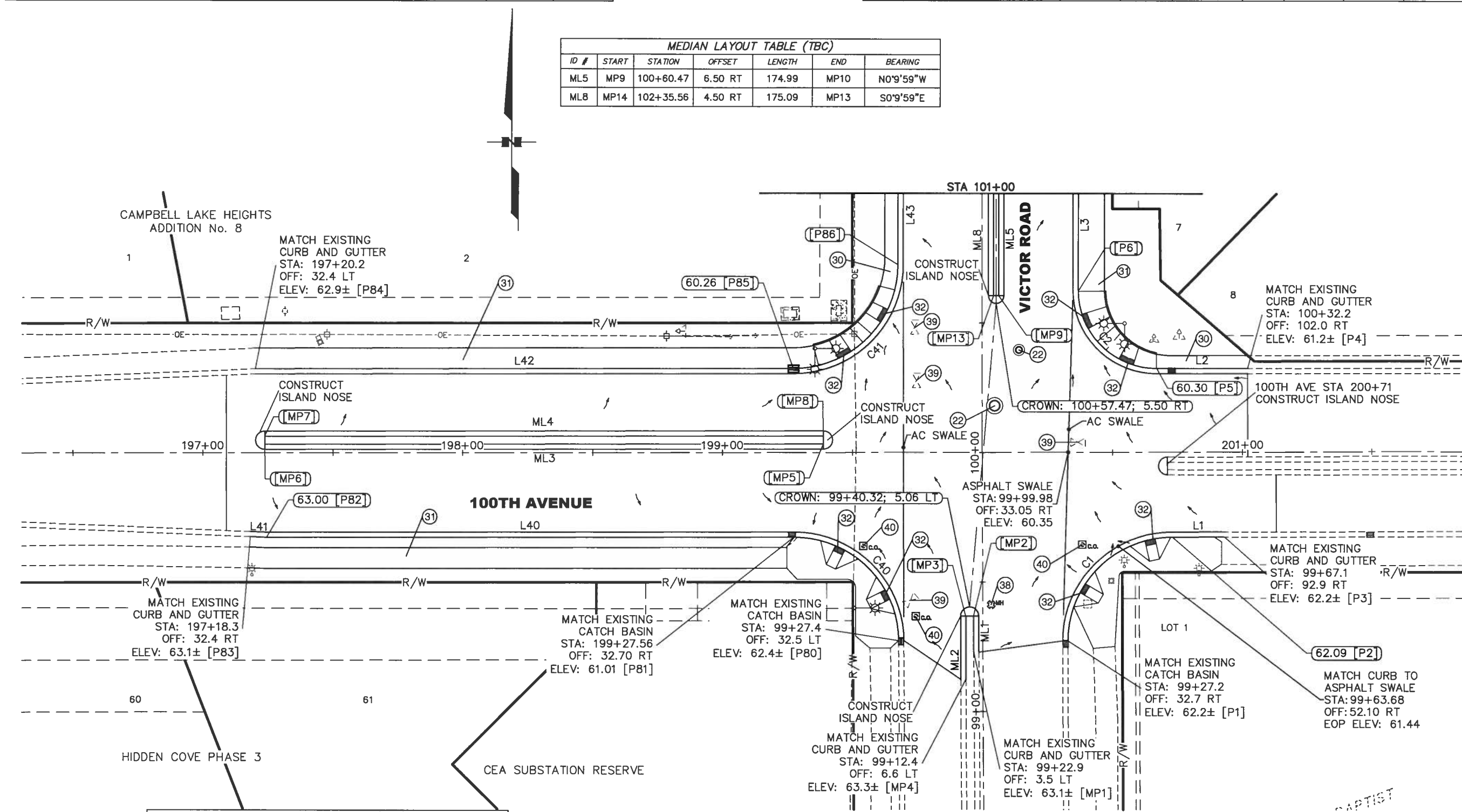
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PROJECT NO. 2001-01-046-B-2009-ENG-DELIVER-Plan-Bld-Check-GI-09-Grading-Paving-Bld-Check-GI-04-08-09
DATE: 04.14.2011 2:44
DRAWN BY
CHECKED BY
PLOTTED BY
PROJECT NO. 2001-01-046-B-2009-ENG-DELIVER-Plan-Bld-Check-GI-09-Grading-Paving-Bld-Check-GI-04-08-09
DATE: 04.14.2011 2:44
DRAWN BY
CHECKED BY
PLOTTED BY

CERTIFICATION SET

CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L42	P84	197+20.23	32.39 LT	207.21	P85	N89°52'43"E				
C41	P85	199+27.44	32.39 LT	62.86	P86		40.00	90°2'42"	100+72.44	72.50 LT
L43	P86	100+72.44	32.50 LT	178.55	P87	N0°9'59"W				

CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L2	P5	100+32.25	66.99 RT	35.00	P4	N89°51'5"E				
C2	P5	100+32.25	66.99 RT	47.11	P6		30.00	89°58'56"	100+62.25	67.00 RT
L3	P6	100+62.25	37.00 RT	88.59	P7	N0°9'59"W				

MEDIAN LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
ML5	MP9	100+60.47	6.50 RT	174.99	MP10	N0°9'59"W
ML8	MP14	102+35.56	4.50 RT	175.09	MP13	S0°9'59"E



CURB LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
ML3	MP5	199+38.85	3.30 LT	215.00	MP6	N89°52'43"E
ML4	MP7	197+23.85	6.39 LT	215.00	MP8	N89°52'43"E

CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
C40	P80	99+27.38	32.53 LT	62.79	P81		40.00	89°56'2"	99+27.38	72.53 LT
L40	P81	199+27.56	32.70 RT	203.12	P82	N89°52'43"E				
L41	P82	197+24.44	32.70 RT	6.15	P83	N87°42'56"W				

CURB LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
ML1	MP2	99+36.81	3.55 LT	13.94	MP1	S0°11'15"E
ML2	MP4	99+12.36	6.57 LT	24.44	MP3	N0°11'15"W

CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
C1	P1	99+27.18	32.74 RT	62.78	P2		40.00	89°55'57"	99+27.11	72.74 RT
L1	P3	99+67.09	92.94 RT	20.17	P2	N89°51'5"E				

SHEET NO. G1TOTAL SHEETS G12

STATE YEAR

ALASKA2011

PROJECT DESIGNATION

STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

NO.	DATE	DESCRIPTION
-----	------	-------------

DIMOND BLVD

SEA PARROT CIRCLE

CANARY COURT

VICTOR ROAD

MINERVA WAY

OLYMPIC DRIVE

CHELATNA CIRCLE

100th AVE.

STATE OF ALASKA

49th

PROFESSIONAL ENGINEER

LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION

100TH AVE TO DIMOND BLVD

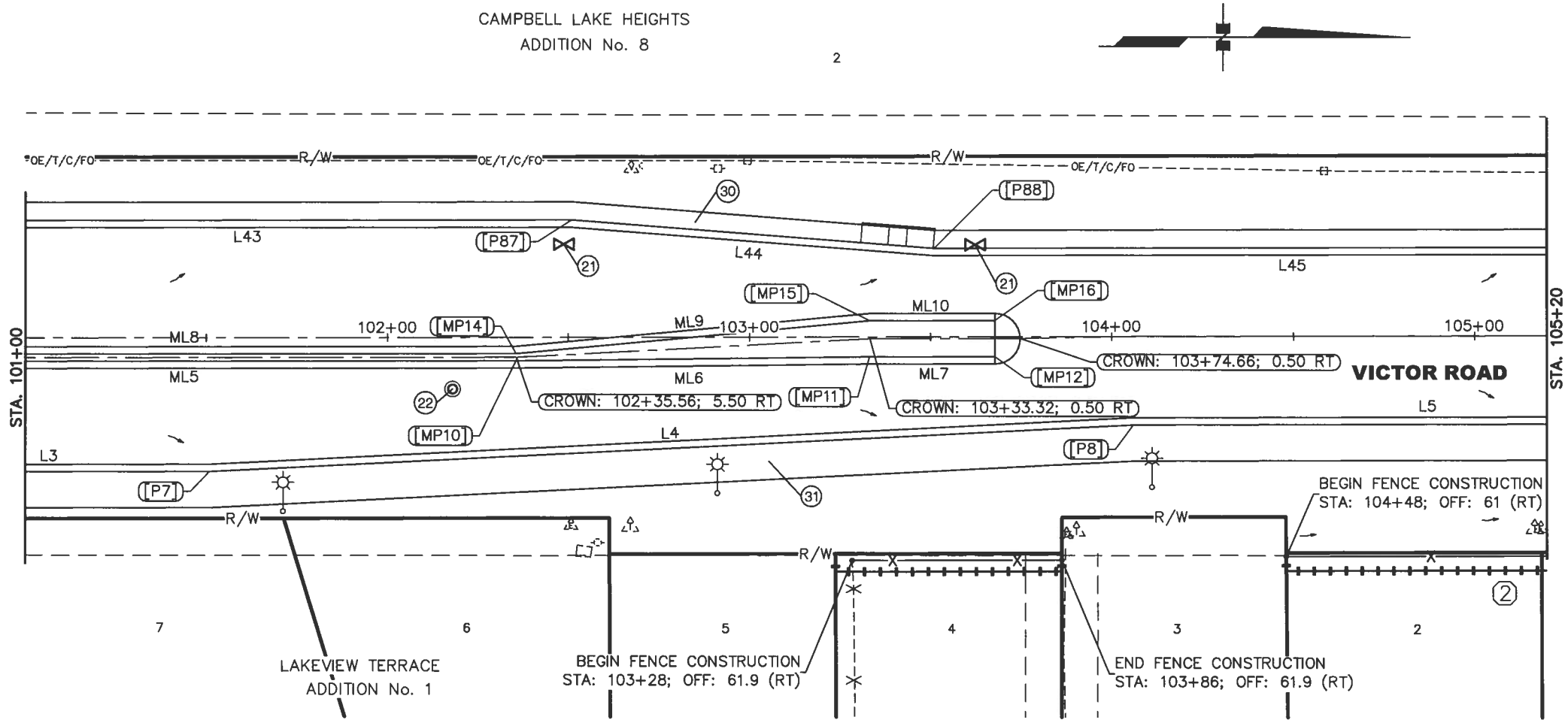
GRADING & PAVING IMPROVEMENTS

100TH AVENUE/VICTOR ROAD

LOUNSBURY PROJECT NUMBER: 00-XXX
COMPUTER DESIGNATION: T:\Project\2007\01-046_B-2009\ENG_DELIVER\PLOT-Bld-Check\VI-09_Grading-Paving_Bld-00000000_Plot-046B.dwg
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: J. GIBSON
DATE: 04.14.2011 2:45
PLOTTED BY: Melissa Drake

CERTIFICATION SET

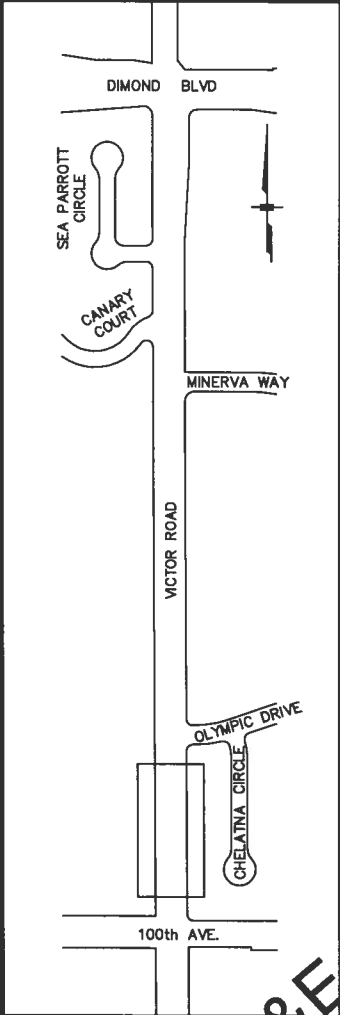
CURB LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
L43	P86	100+72.44	32.50 LT	178.55	P87	N0°9'59"W
L44	P87	102+50.99	32.50 LT	100.33	P88	N4°24'26"E
L45	P88	103+51.00	24.50 LT	1493.11	P89	N0°9'59"W



MEDIAN LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
ML5	MP9	100+60.47	6.50 RT	174.99	MP10	N0°9'59"W
ML6	MP10	102+35.46	6.50 RT	97.76	MP11	N0°45'9"W
ML7	MP11	103+33.21	5.50 RT	34.45	MP12	N0°9'59"W
ML8	MP14	102+35.56	4.50 RT	175.09	MP13	S0°9'59"E
ML9	MP15	103+33.32	4.50 LT	98.17	MP14	S5°25'36"E
ML10	MP16	103+67.66	4.50 LT	34.35	MP15	S0°9'59"E

CURB LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
L3	P6	100+62.25	37.00 RT	88.59	P7	N0°9'59"W
L4	P7	101+50.84	37.00 RT	255.31	P8	N2°58'22"W
L5	P8	104+05.84	24.50 RT	162.59	P9	N0°9'59"W

SHEET NO.	TOTAL SHEETS	
G2	G12	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



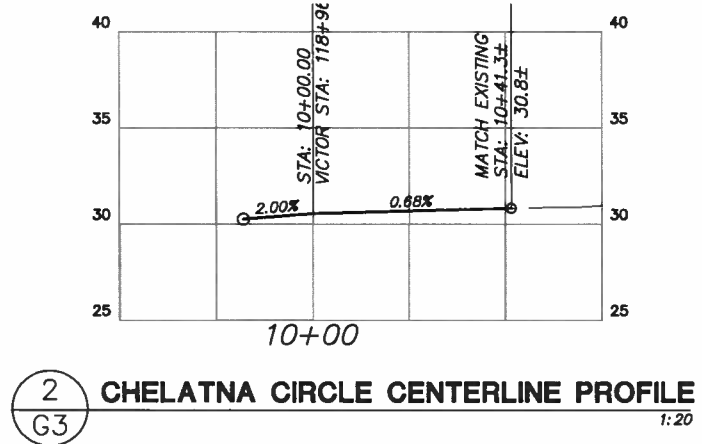
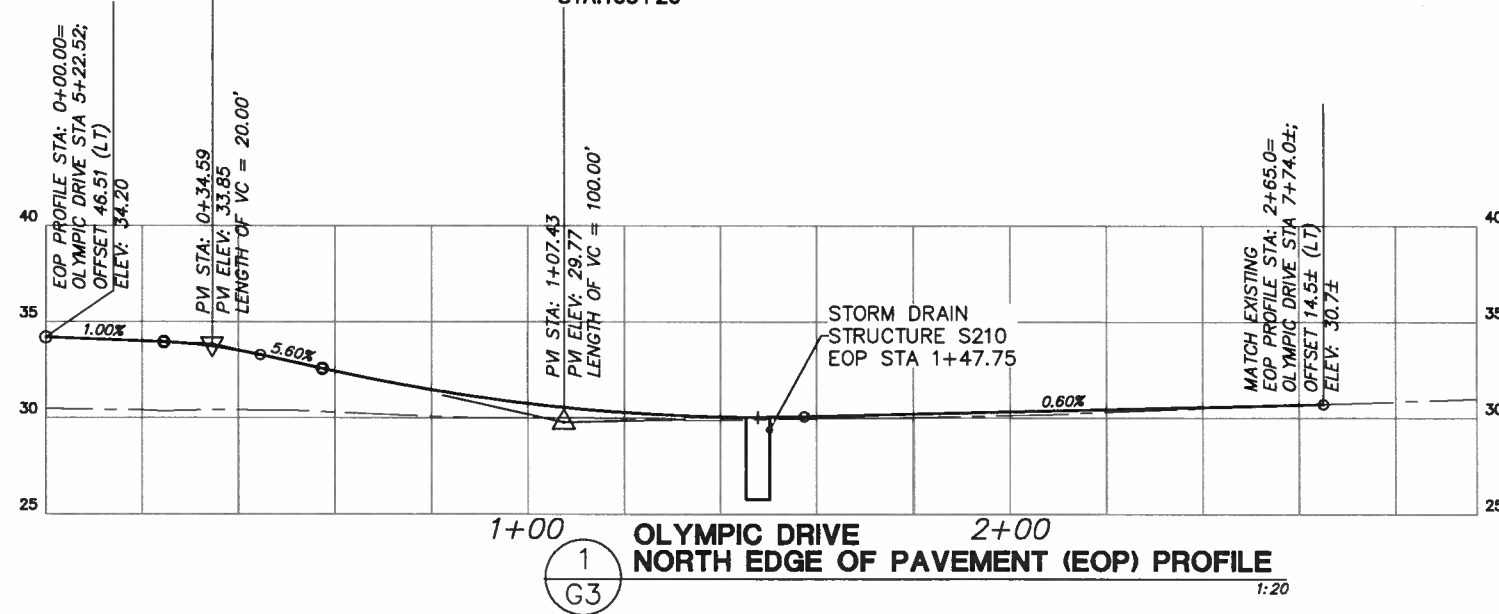
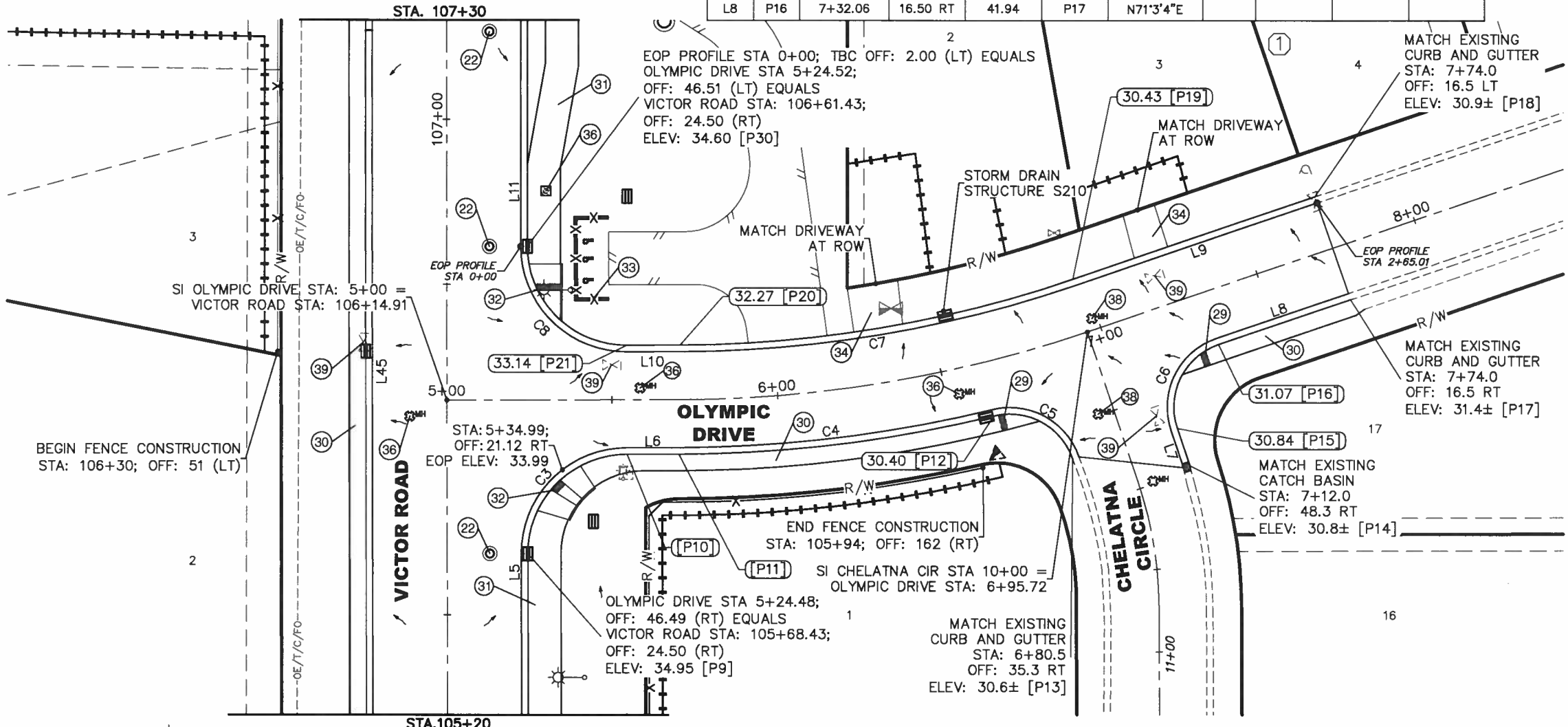
STATE OF ALASKA
49th
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
GRADING & PAVING
IMPROVEMENTS
STA 101+00 TO STA 105+20

LOUNSBURY PROJECT NUMBER: 01-046-B-2009-ENG
COMPUTER DESIGNATION: T:\Project\2009\01-046-B-2009-ENG\DELIVER\Plot-Bld-Check-GI-09_Grading-Paving_Bldg-Check-GI-046B.dwg
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: M. J. Lounsbury
DATE: 04.14.2011 2:46
DRAFTED BY: Melissa Drake

CERTIFICATION SET

CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L11	P31	111+97.72	24.50 RT	536.29	P30	N0°9'59"W				
C8	P30	5+24.52	46.51 LT	47.14	P21		30.00	90°1'20"	5+54.52	46.50 LT
L10	P21	5+54.52	16.50 LT	15.98	P20	N89°48'41"E				
C7	P20	5+70.50	16.50 LT	120.77	P19		368.85	18°45'37"	6+96.68	385.35 LT
L9	P19	6+96.68	16.50 LT	77.32	P18	N71°3'4"E				

CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L5	P8	104+05.84	24.50 RT	162.59	P9	N0°9'59"W				
C3	P9	5+24.48	46.49 RT	47.11	P10		30.00	89°58'40"	5+54.48	46.50 RT
L6	P10	5+54.48	16.50 RT	15.58	P11	N89°48'41"E				
C4	P11	5+70.08	16.50 RT	96.14	P12		401.85	13°42'27"	6+96.68	385.35 LT
C5	P12	6+62.28	16.50 RT	29.72	P13		20.00	85°8'5"	6+81.45	15.30 RT
L7	P14	7+12.01	48.32 RT	11.90	P15	N18°41'55"W				
C6	P15	7+12.06	36.41 RT	31.33	P16		20.00	89°45'0"	7+32.06	36.50 RT
L8	P16	7+32.06	16.50 RT	41.94	P17	N71°3'4"E				



SHEET NO. G3TOTAL SHEETS G12

STATE YEAR

ALASKA2011

PROJECT DESIGNATION

STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

NO.	DATE	DESCRIPTION

DIMOND BLVD
SEA PARROTT CIRCLE
CANARY COURT
MINERVA WAY
VICTOR ROAD
CHELATNA CIRCLE
100th AVE.

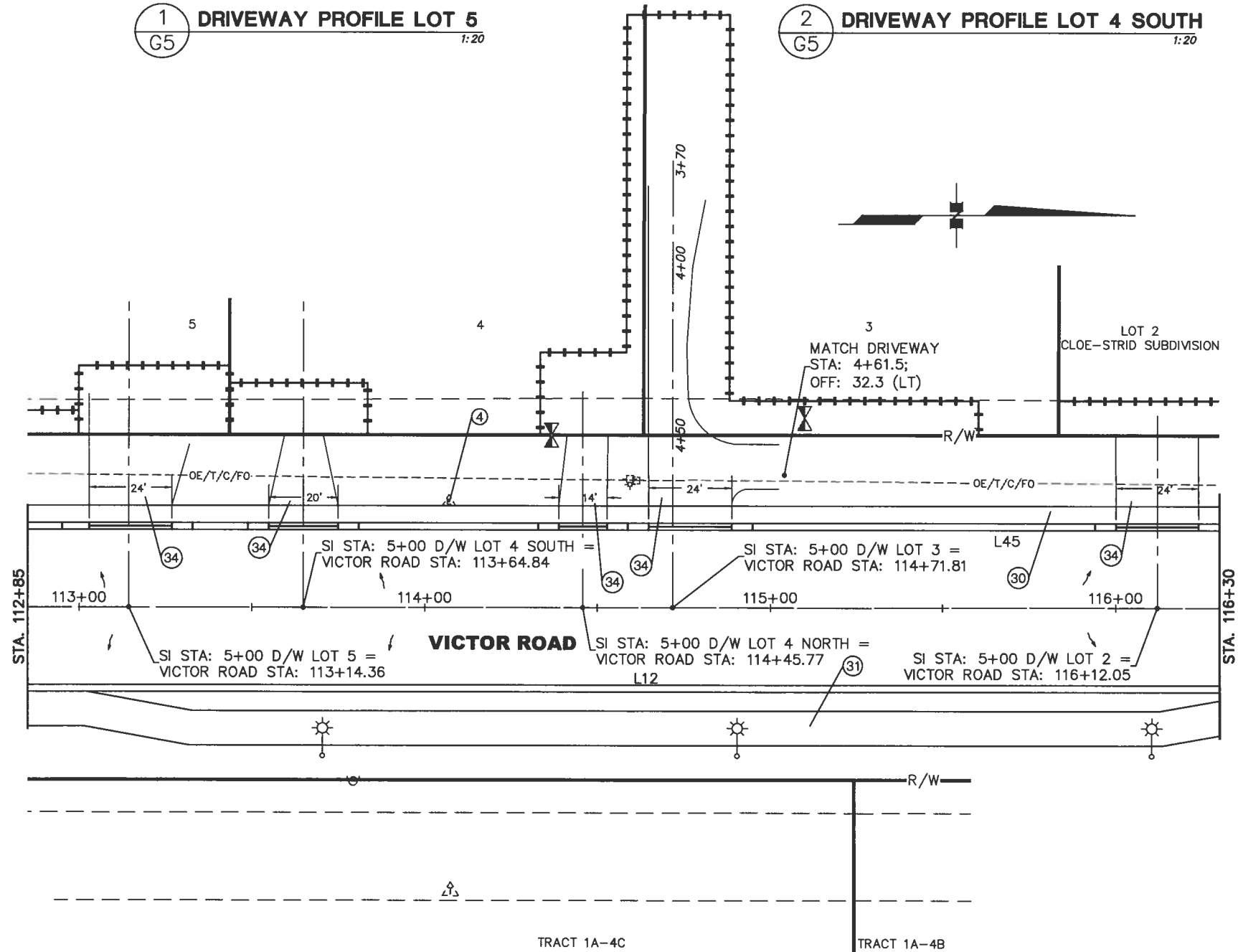
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

GRADING & PAVING
IMPROVEMENTS
OLYMPIC DRIVE

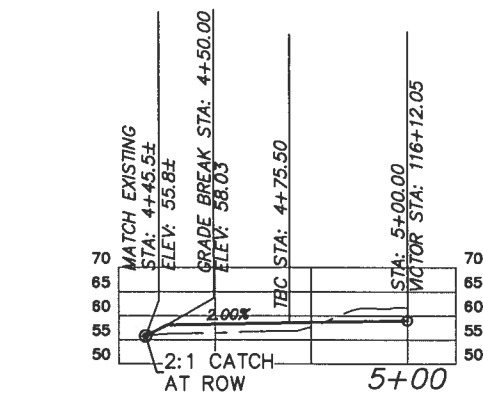
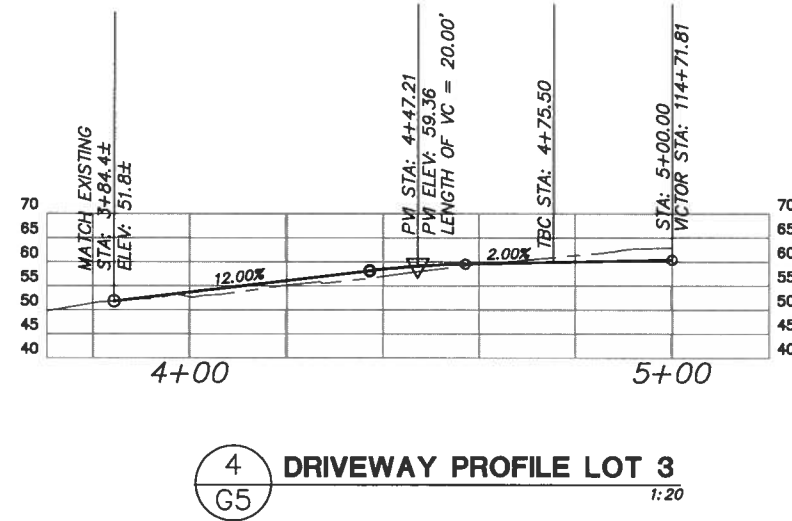
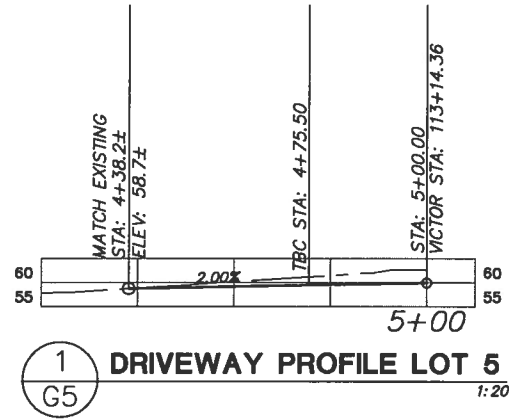
LOUNSBURY PROJECT NUMBER: 01-046-B-2009-ENG-DELIVER-Plot-Bid-Check-G1-09_Grading-Paving_B
COMPUTER DESIGNATION: T:\Projects\2009\01-046-B-2009-ENG-DELIVER-Plot-Bid-Check-G1-09_Grading-Paving_B
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
DRAFTED BY: M. ORTEGA
DATE: 04.14.2011 2:48
PLOTTED BY: Melissa Ortega

CERTIFICATION SET

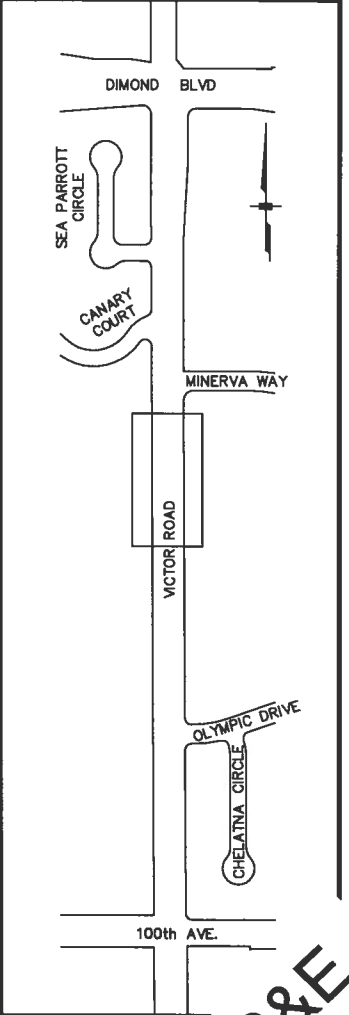


CURB LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
L45	P88	103+51.00	24.50 LT	1493.11	P89	N0°9'59"W

CURB LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
L12	P34	112+63.72	24.50 RT	400.86	P35	N0°9'59"W



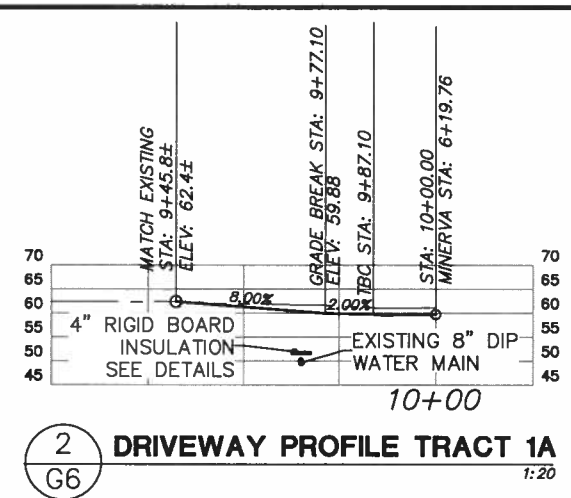
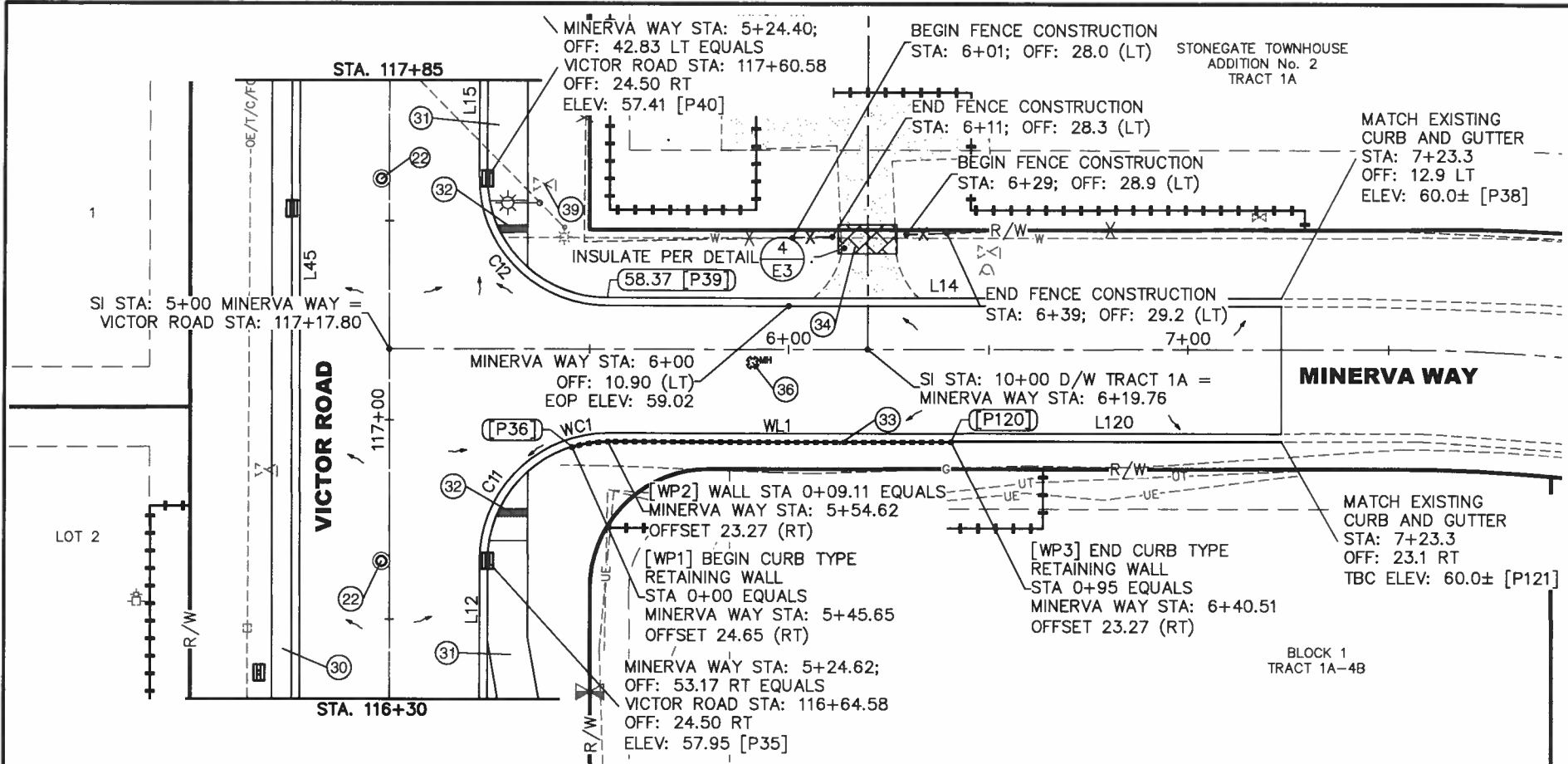
SHEET NO.	TOTAL SHEETS	
G5	G12	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
GRADING & PAVING
IMPROVEMENTS
STA 112+85 TO STA 116+30
FINAL PS&E
LOUNSBURY & ASSOCIATES, INC.

LOUNSBURY PROJECT NUMBER: 2009-001-046-B-2009-ENG-DELIVER-Plot-Bld-Check-GI-09-Grading-Paving-Bld-Check-GI-04-14-2011-2-49
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNER: J. GIBSON/J. GIBSON-0448.dwg
PLOTTED BY: Melissa Drake

CERTIFICATION SET

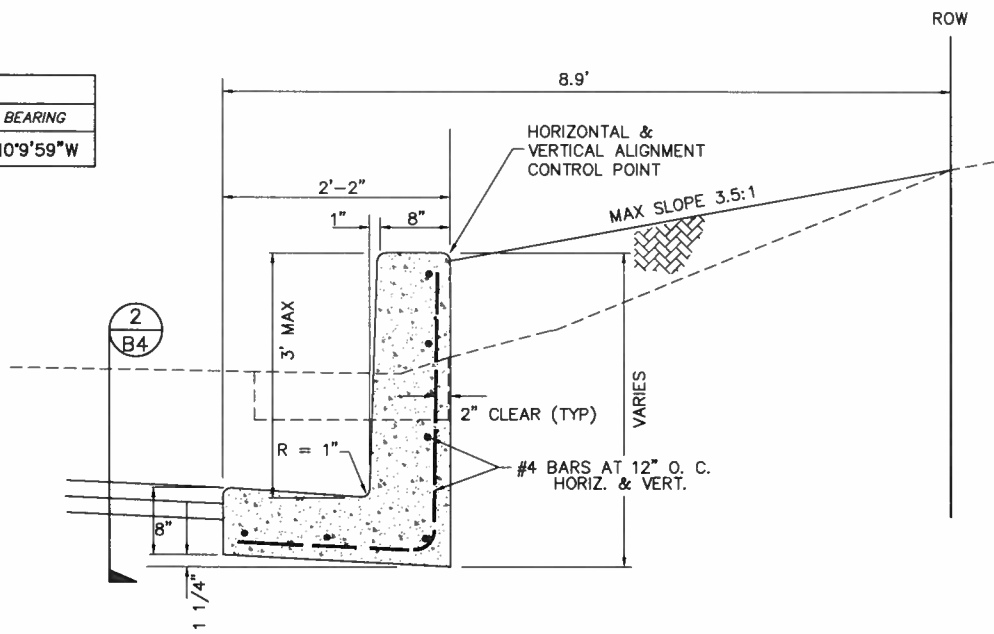


CALL BEFORE YOU DIG
THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:
LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWJ, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)
CAUTION: EXACT LOCATION, SIZE, NUMBER, AND ELEVATION OF EXISTING UTILITIES MAY NOT BE SHOWN ACCURATELY. MULTIPLE LINES MAY EXIST WHERE ONE UTILITY IS SHOWN. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY LOCATION, SIZE, NUMBER, AND ELEVATION OF ALL EXISTING UTILITIES.

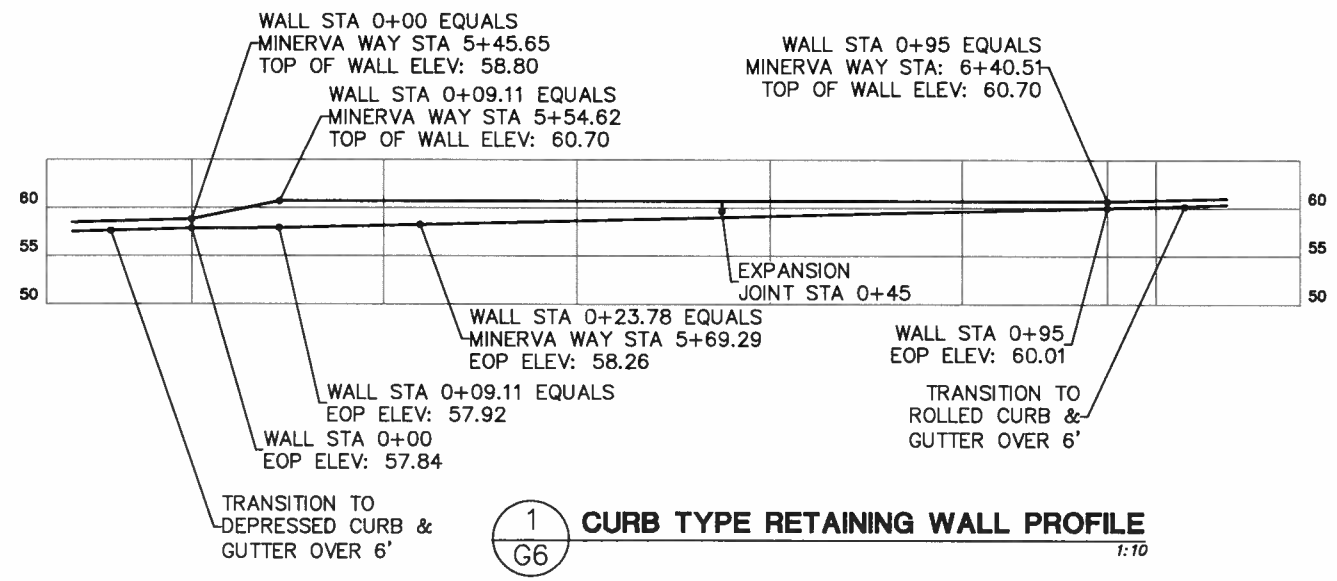
CURB LAYOUT TABLE (TBC)									
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION
L14	P38	7+23.30	12.90 LT	168.90	P39	N89°57'42"E			
C12	P39	5+54.40	12.90 LT	47.06	P40		30.00	89°52'19"	5+54.40
L15	P40	5+24.40	42.83 LT	90.32	P41	N0°9'59"W			42.90 LT

CURB AND RETAINING WALL LAYOUT TABLE (TBC)									
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION
L12	P34	112+63.72	24.50 RT	400.86	P35	N0°9'59"W			
C11	P35	5+24.62	53.17 RT	38.03	P36		30.00	72°38'07"	5+54.62
WC1	WP1	5+45.65	24.65 RT	9.11	WP2		29.83	17°29'34"	5+54.62
WL1	WP2	5+54.62	23.27 RT	85.89	WP3	N89°57'42"E			
L120	P120	6+40.51	23.10 RT	82.79	P121	N89°57'42"E			

CURB LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
L45	P88	103+51.00	24.50 LT	1493.11	P89	N0°9'59"W



- 3 CURB TYPE RETAINING WALL**
- NOTES:**
1. PROVIDE 3/4" CHAMFER AT ALL OUTSIDE EDGES.
 2. PREMOLED JOINT FILLER FOR USE IN EXPANSION JOINTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM D-1751 (AASHTO M-213).
 3. CONSTRUCT EXPANSION JOINT AT WALL STA 0+45.
 4. PROVIDE CONTRACTION JOINTS EVERY 25 FEET.
 5. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

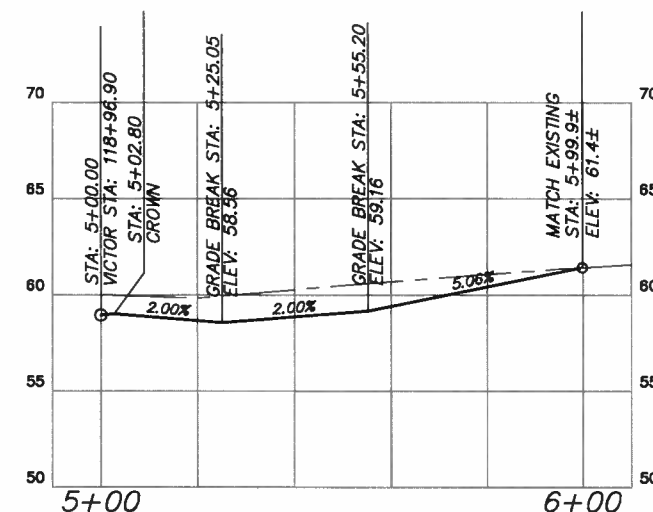
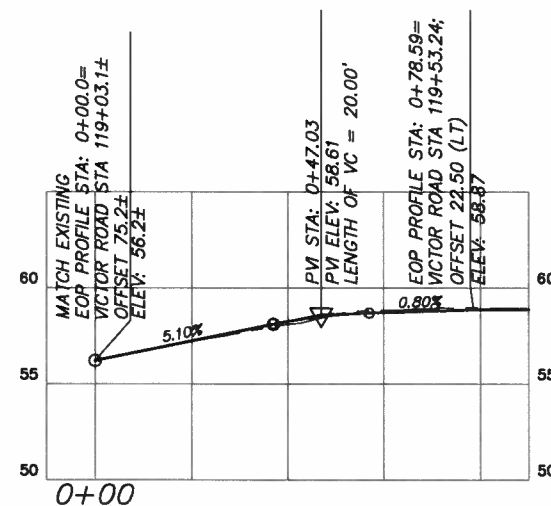
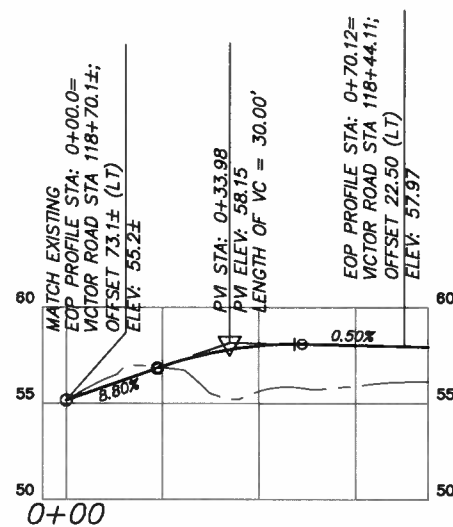


SHEET NO.	TOTAL SHEETS	
G6	G12	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

FINAL PS&E

LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
GRADING & PAVING IMPROVEMENTS
MINERVA WAY

CERTIFICATION SET



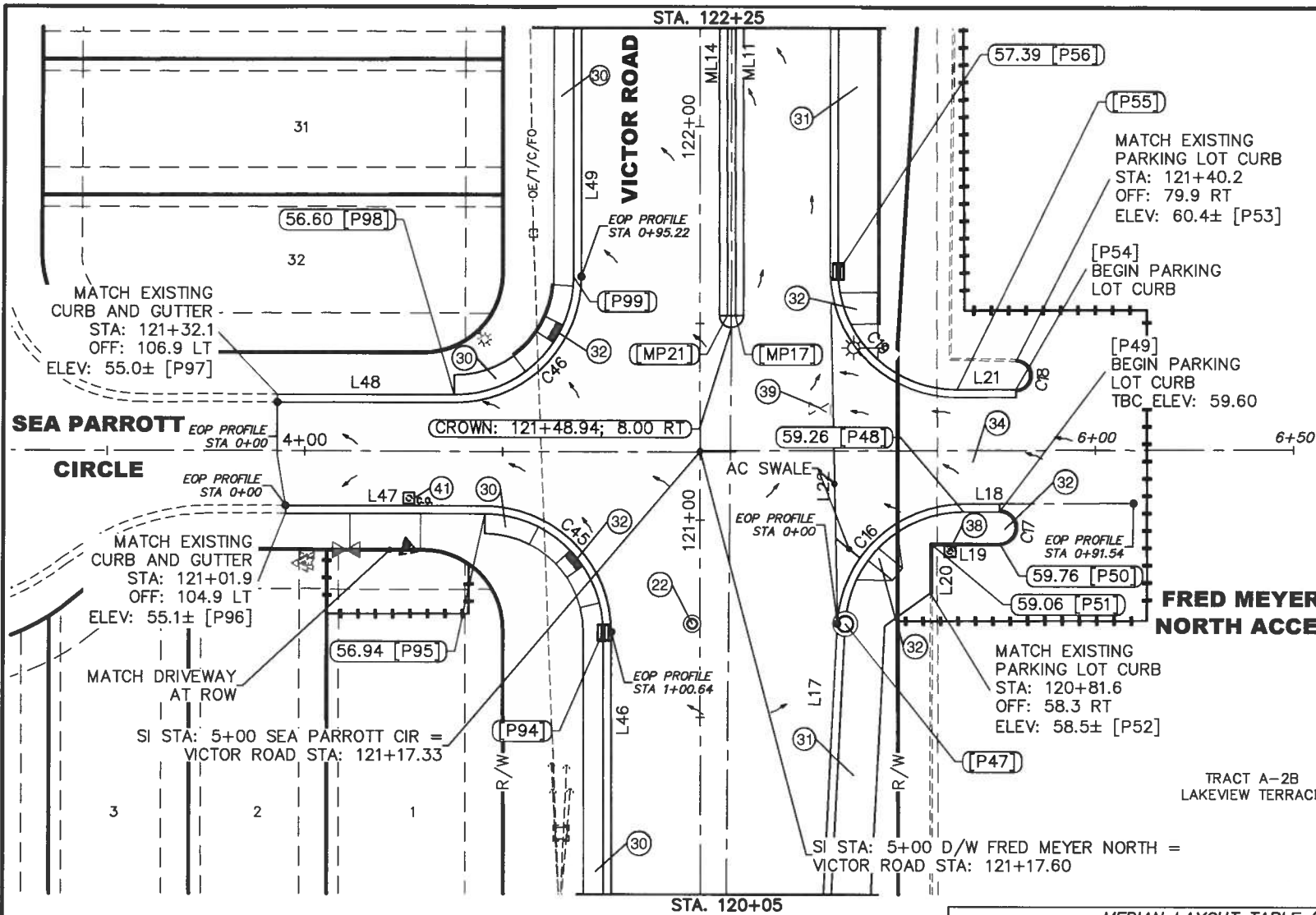
3
G7

ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
C43	P91	119+04.85	76.17 LT	25.61	P92		116.50	12°35'49"	118+03.68	18.41 LT
C44	P92	119+15.02	52.72 LT	50.87	P93		40.00	72°52'16"	119+53.24	64.50 LT
L46	P93	119+53.24	24.50 LT	118.46	P94	N0°9'59"W				



LOUNSBURY PROJECT NUMBER: XC-XXX
COMPUTER DESIGNATION: T1
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: J. LOUNSBURY
DATE: 04.14.2011 2:50
PROJECT: 100th Ave to Dimond Blvd
SHEET: 100th Ave to Dimond Blvd
SHEET NO.: 100th Ave to Dimond Blvd
SHEET TOTAL: 100th Ave to Dimond Blvd

CERTIFICATION SET



CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L17	P46	119+44.52	29.78 RT	129.39	P47	N2°55'20"E				
C16	P47	120+73.72	36.75 RT	45.51	P48		30.00	86°54'41"	120+72.10	66.70 RT
L18	P48	121+02.10	66.70 RT	9.00	P49	N89°50'1"E				

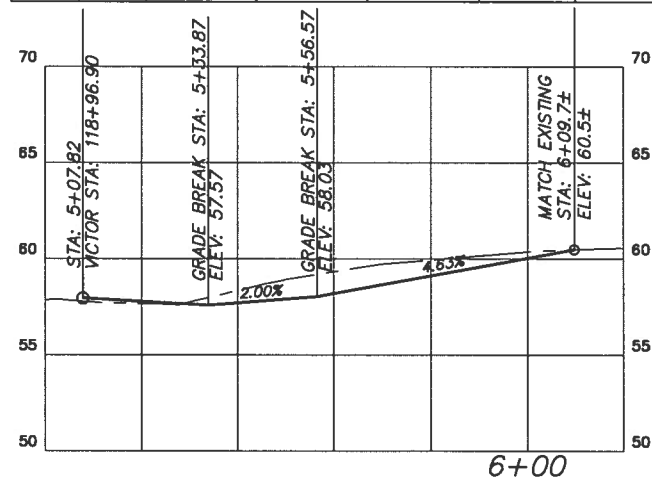
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ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
C17	P49	121+02.10	75.82 RT	12.57	P50		4.00	180°0'0"	120+98.10	75.71 RT
L19	P50	120+94.10	75.71 RT	17.44	P51	N89°50'1"E				
L20	P51	120+81.55	58.27 RT	12.55	P52	N0°9'59"W				

CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
C18	P54	121+33.10	79.88 RT	11.21	P53		3.57	180°0'0"	121+36.67	79.88 RT

CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L21	P54	121+33.10	79.88 RT	14.88	P55	N27°0'9"59"W				
C19	P55	121+33.10	65.00 RT	47.12	P56		30.00	90°0'0"	121+63.10	65.00 RT
L22	P56	121+63.10	35.00 RT	383.99	P57	N0°9'59"W				

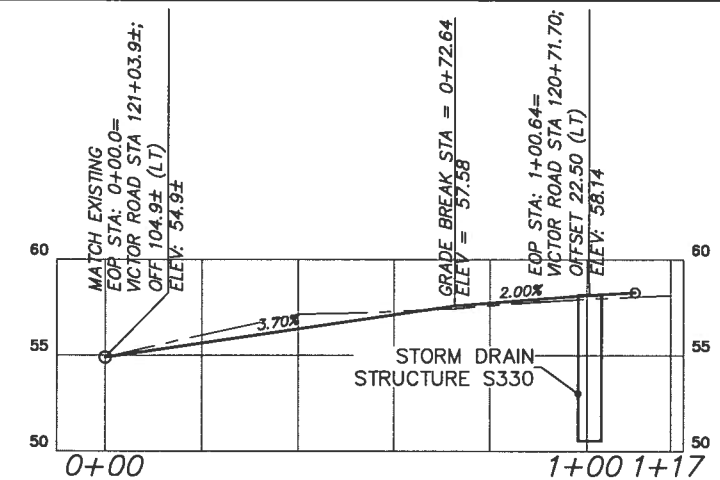
CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L46	P93	119+53.24	24.50 LT	118.46	P94	N0°9'59"W				
C45	P94	120+71.70	24.50 LT	47.02	P95		30.00	89°47'33"	120+71.70	54.50 LT
L47	P95	4+45.67	15.83 RT	50.49	P96	N89°57'32"W				

MEDIAN LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
ML11	MP17	121+51.94	9.00 RT	128.54	MP18	N0°9'59"W
ML14	MP22	122+80.35	7.00 RT	128.41	MP21	S0°9'59"E

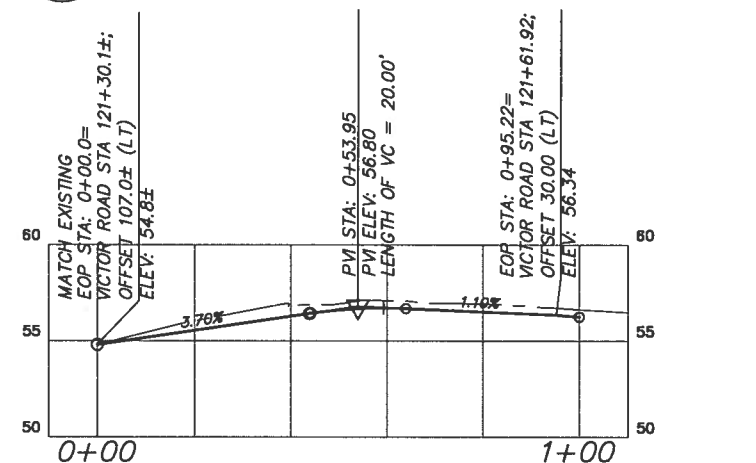


FRED MEYER'S NORTH DRIVEWAY
CENTERLINE PROFILE

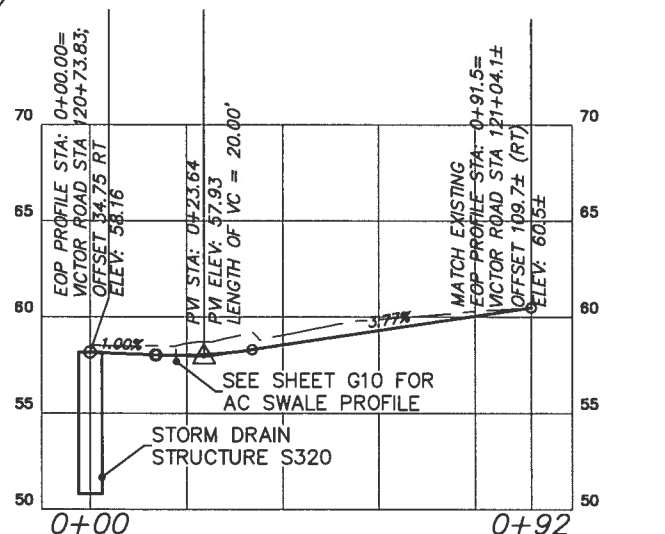
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ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L48	P97	3+93.00	14.36 LT	44.84	P98	S89°57'32"E				
C46	P98	121+31.92	62.11 LT	47.23	P99		30.00	90°12'27"	121+61.92	62.00 LT
L49	P99	121+61.92	32.00 LT	393.54	P100	N0°9'59"W				



SEA PARROTT CIRCLE
SOUTH EDGE OF PAVEMENT (EOP) PROFILE



SEA PARROTT CIRCLE
NORTH EDGE OF PAVEMENT (EOP) PROFILE



FRED MEYER'S NORTH DRIVEWAY
SOUTH EDGE OF PAVEMENT (EOP) PROFILE

SHEET NO. G8TOTAL SHEETS G12

STATE ALASKAYEAR 2011

PROJECT DESIGNATION STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

NO. DATE DESCRIPTION

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

FINAL PS&E

ASSOCIATES, INC.

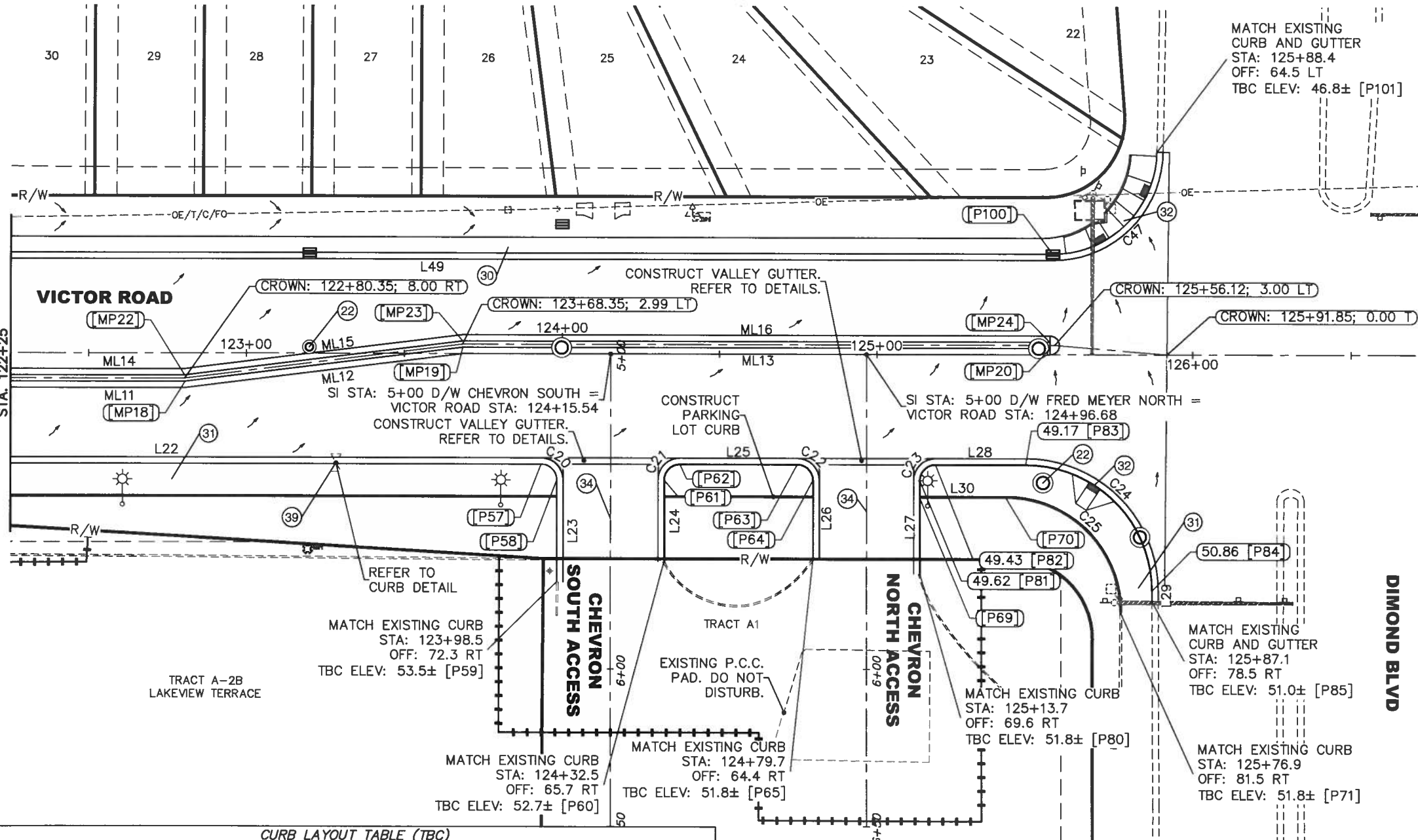
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

GRADING & PAVING
IMPROVEMENTS
STA 120+05 TO STA 122+25

DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNATION
PLOTTED BY
T: Project 2001 01-046_B-2009 ENG_DELIVER_Plot-Check G1-09 Grading-Paving
DATE 04.14.2011 2:31
Mellisa Drake

CERTIFICATION SET

CURB LAYOUT TABLE (TBC)									
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION
L49	P99	121+61.92	32.00 LT	393.54	P100	N0°9'59"W			
C47	P100	125+55.45	32.00 LT	51.31	P101		33.00	89°4'44"	125+55.45



CURB LAYOUT TABLE (TBC)									
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION
L22	P56	121+63.10	35.00 RT	230.44	P57	N0°9'59"W			
C20	P57	123+93.54	35.00 RT	7.85	P58		5.00	90°0'0"	123+93.54
L23	P58	123+98.54	40.00 RT	32.31	P59	N89°50'1"E			

CURB LAYOUT TABLE (TBC)									
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION
L24	P60	124+32.54	65.74 RT	25.74	P61	N89°50'01"E			
C21	P61	124+32.54	40.00 RT	7.85	P62		5.00	90°0'0"	124+37.54
L25	P62	124+37.54	35.00 RT	37.14	P63	N0°9'59"W			
C22	P63	124+74.68	35.00 RT	7.85	P64		5.00	90°0'0"	124+74.68
L26	P64	124+79.68	40.00 RT	24.36	P65	N89°50'1"E			

MEDIAN LAYOUT TABLE (TBC)						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
ML11	MP17	121+51.94	9.00 RT	128.54	MP18	N0°9'59"W
ML12	MP18	122+80.48	9.00 RT	88.68	MP19	N7°17'29"W
ML13	MP19	123+68.48	2.00 LT	186.14	MP20	N0°9'59"W
ML14	MP22	122+80.35	7.00 RT	128.41	MP21	S0°9'59"E
ML15	MP23	123+68.48	4.00 LT	88.81	MP22	S7°16'53"E
ML16	MP24	125+54.62	4.00 LT	186.14	MP23	S0°9'59"E

CURB LAYOUT TABLE (TBC)										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L27	P80	125+13.68	69.58 RT	29.58	P81	N89°50'01"E				
C23	P81	125+13.68	40.00 RT	7.85	P82		5.00	90°0'0"	125+18.68	40.00 RT
L28	P82	125+18.68	35.00 RT	28.41	P83	N0°9'59"W				
C24	P83	125+47.09	35.00 RT	62.73	P84		40.00	89°50'53"	125+47.09	75.00 RT
L29	P84	125+87.09	74.89 RT	3.58	P85	N89°40'54"E				

PARKING LOT CURB LAYOUT TABLE										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L30	P69	125+18.18	45.50 RT	22.70	P70	N0°9'59"W				
C25	P70	125+40.88	45.50 RT	56.55	P71		36.00	90°0'0"	125+40.88	81.50 RT

CHEVRON NORTH DRIVEWAY CENTERLINE PROFILE

1:20

CHEVRON SOUTH DRIVEWAY CENTERLINE PROFILE

1:20

SHEET NO. G9 TOTAL SHEETS G12

STATE ALASKA YEAR 2011

PROJECT DESIGNATION STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

NO.	DATE	DESCRIPTION

DIMOND BLVD

SEA PARROTT CIRCLE

CANARY COURT

MINERVA WAY

VICTOR ROAD

OLYMPIC DRIVE

CHELATNA CIRCLE

100th AVE.

STATE OF ALASKA

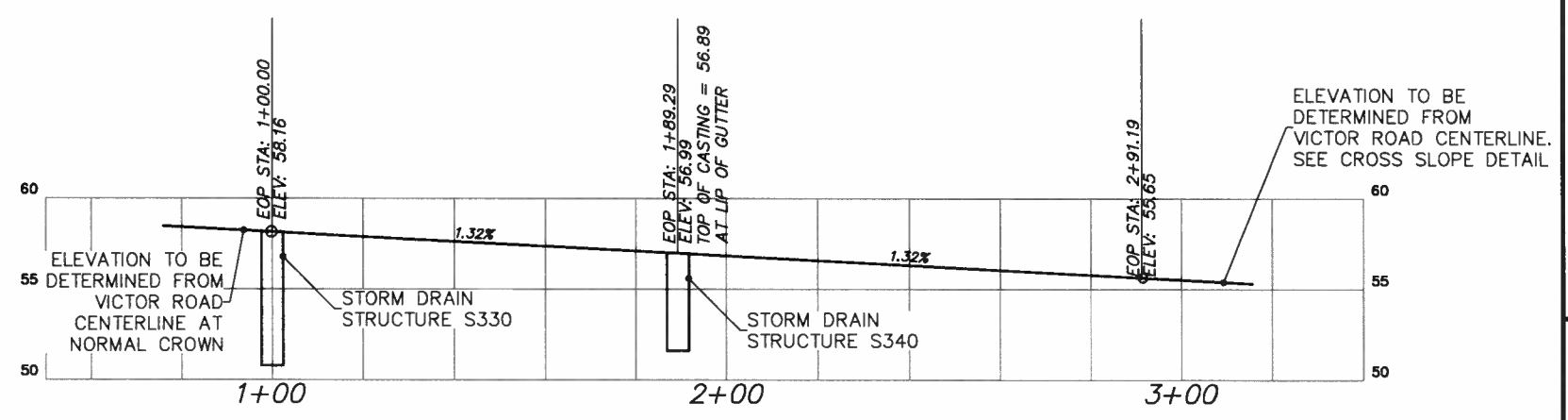
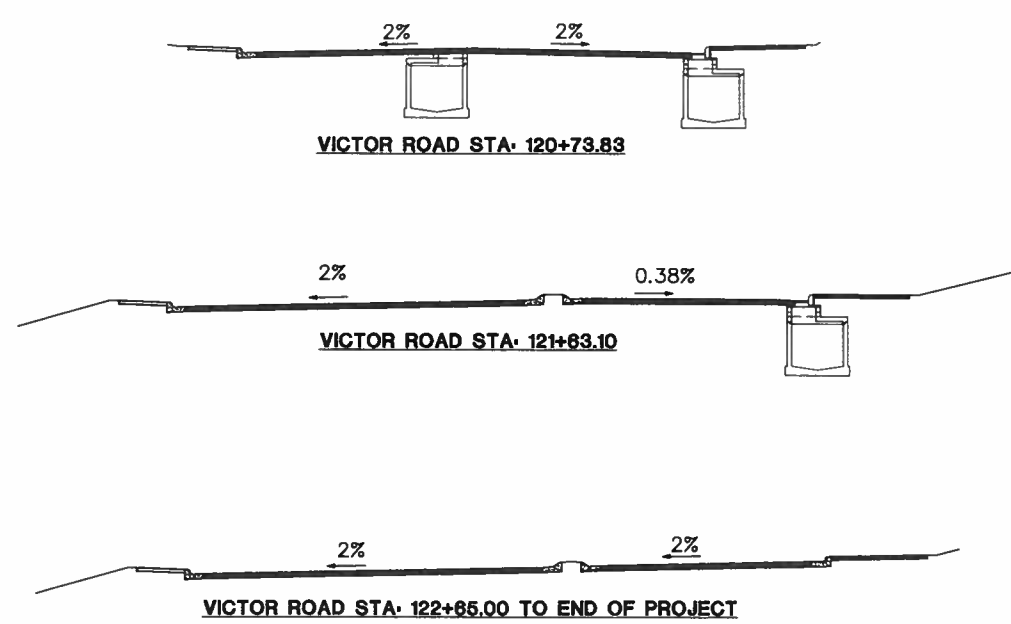
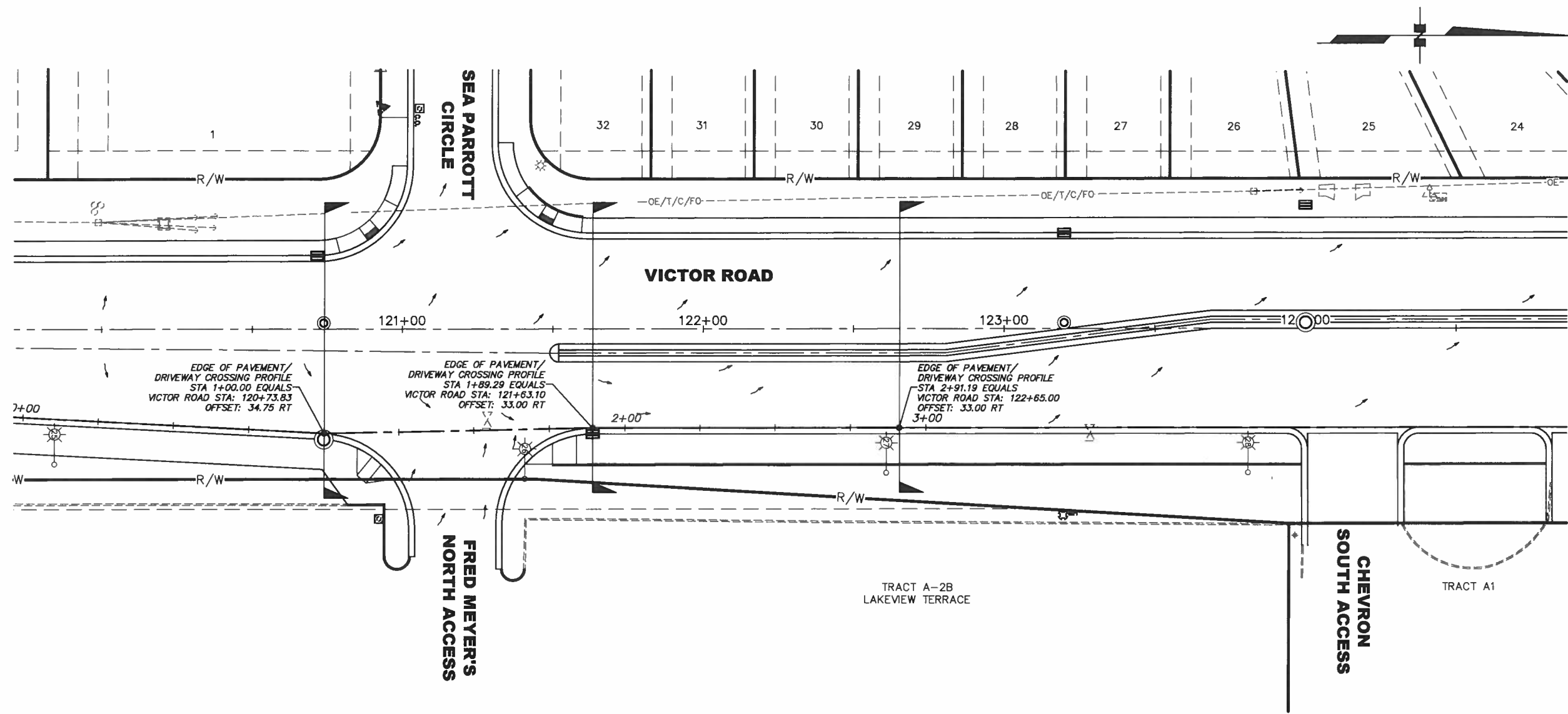
FINAL PS&E

ASSOCIATES, INC.

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION 100TH AVE TO DIMOND BLVD

GRADING & PAVING IMPROVEMENTS STA 122+25 TO EOP



EDGE OF PAVEMENT/DRIVEWAY CROSSING PROFILE

CROSS SLOPE DETAILS

SHEET NO.		TOTAL SHEETS	
G10		G12	
STATE		YEAR	
ALASKA		2011	
PROJECT DESIGNATION			
STP-0001(232)/55027			
ADDENDUM NO.			
ATTACHMENT NO.			
REVISIONS			
NO.	DATE	DESCRIPTION	

LOUNSBURY & ASSOCIATES, INC.
 STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

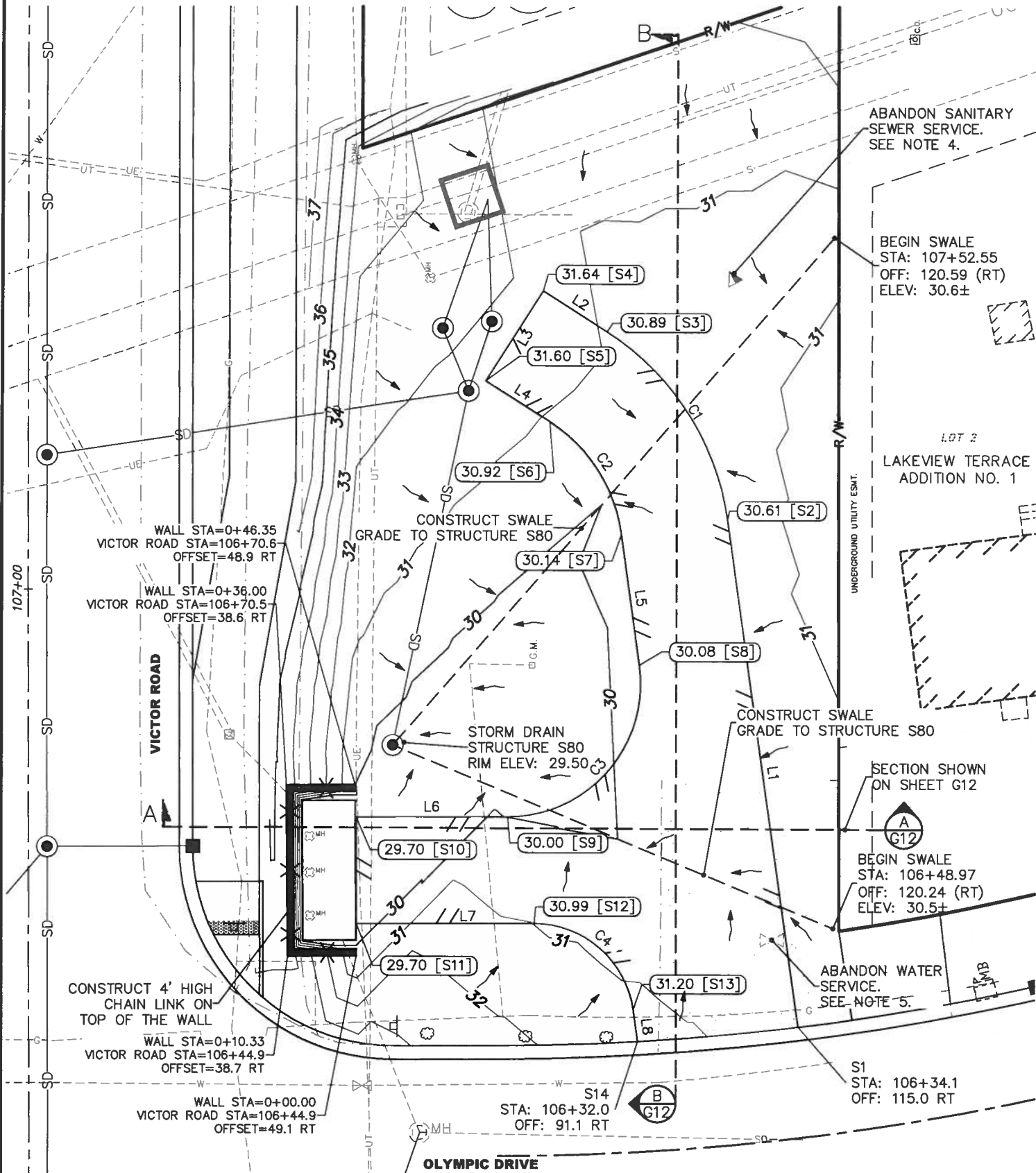
**VICTOR ROAD RECONSTRUCTION
 100TH AVE TO DIMOND BLVD**

**GRADING & PAVING
 IMPROVEMENTS**

**EDGE OF PAVEMENT PROFILE
 STA 120+73.83 TO STA 122+65**

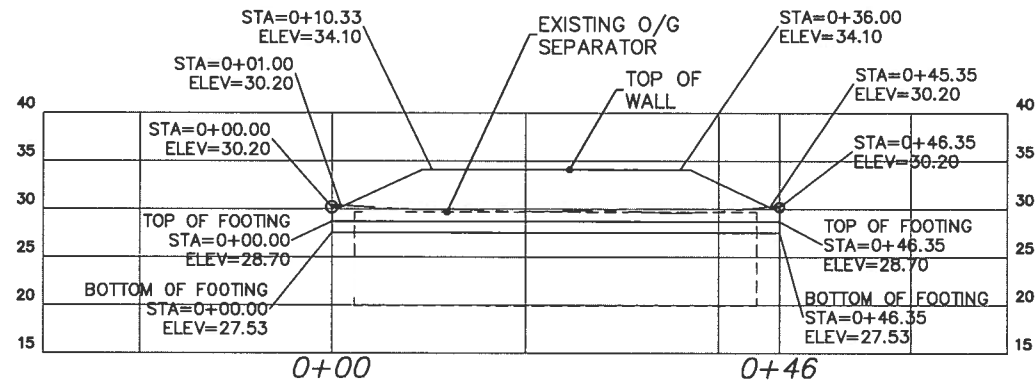
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DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
04/14/2011 4:32
DRAFTED BY: Melissa Drake
PLOTTED BY:

CERTIFICATION SET



1
G11
LOT GRADING, RETAINING WALL,
AND UTILITY IMPROVEMENTS PLAN
1:10

DRIVEWAY LAYOUT										
ID #	START	STATION	OFFSET	LENGTH	END	BEARING	RADIUS	DELTA	RP STATION	RP OFFSET
L1	S1	106+34.15	115.01 RT	76.77	S2	N7°56'6"W				
C1	S2	107+10.22	104.63 RT	34.62	S3		40.00	49°35'45"	107+04.81	64.99 RT
L2	S3	107+38.50	86.57 RT	11.38	S4	N57°31'51"W				
L3	S4	107+44.63	76.99 RT	16.00	S5	N32°28'09"E				
L4	S5	107+31.16	68.36 RT	11.38	S6	S57°31'51"E				
C2	S6	107+25.02	77.94 RT	20.77	S7		24.00	49°35'45"	107+28.27	101.72 RT
L5	S7	107+08.06	88.77 RT	19.78	S8	S7°56'6"E				
C3	S8	106+88.45	91.45 RT	34.14	S9		20.00	97°48'48"	106+68.45	91.43 RT
L6	S9	106+65.75	71.62 RT	22.54	S10	N89°52'42"E				
L7	S11	106+49.77	49.07 RT	26.50	S12	N89°52'42"E				
C4	S12	106+49.75	75.57 RT	21.52	S13		15.00	82°11'12"	106+51.77	90.44 RT
L8	S13	106+36.77	90.42 RT	4.80	S14	S7°56'6"E				



2
G11
P.C.C. RETAINING WALL PROFILE
1:20

SHEET NOTES

1. CONSTRUCT P.C.C. RETAINING WALL ACCORDING TO THESE PLANS AND STANDARD DRAWINGS B-04.00 AND B-05.00.
2. CONSTRUCT DRIVEWAY ACCORDING TO THE SECTIONS SHOWN ON SHEET G12.
3. PLACE 2" COMPOST BLANKET AND SEED ON ALL DISTURBED AREAS.
4. CONTRACTOR TO DISCONNECT SEWER SERVICE, CUT PIPE AND PLUG WITH A WATERTIGHT CAP OR END PLUG, AND INSTALL A SANITARY SEWER SERVICE CONNECTION MARKER. PROVIDE AWWU A RECORD DRAWING OF THE ABANDONED SERVICE CONNECTION. REFER TO SECTION 30.03.21 SERVICE CONNECTION ABANDONMENT IN THE 2010 AWWU DESIGN AND CONSTRUCTION PRACTICES MANUAL FOR ADDITIONAL INFORMATION. COORDINATE WORK WITH AWWU.
5. CONTRACTOR TO DISCONNECT WATER SERVICE AT THE MAIN. REFER TO SECTION 40.03.21 ABANDONMENT IN THE 2010 AWWU DESIGN AND CONSTRUCTION PRACTICES MANUAL FOR ADDITIONAL INFORMATION. WATER SERVICE LOCATION IS UNKNOWN. FIELD VERIFY. COORDINATE WORK WITH AWWU.
6. REFER TO LANDSCAPING PLANS FOR ADDITIONAL INFORMATION.

CALL BEFORE YOU DIG
THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:
LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

CAUTION: EXACT LOCATION, SIZE, NUMBER, AND ELEVATION OF EXISTING UTILITIES MAY NOT BE SHOWN ACCURATELY. MULTIPLE PIPES/CABLES MAY EXIST WHERE ONE UTILITY IS SHOWN. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY LOCATION, SIZE, NUMBER, AND ELEVATION OF ALL EXISTING UTILITIES.

SHEET NO. G11TOTAL SHEETS G12

STATE ALASKAYEAR 2010

PROJECT DESIGNATION STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

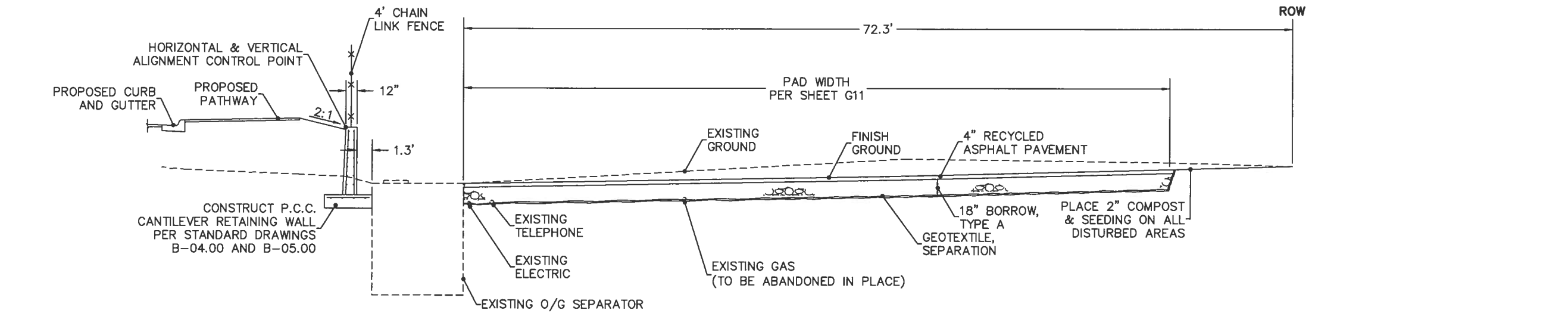
REVISIONS

NO. DATE DESCRIPTION

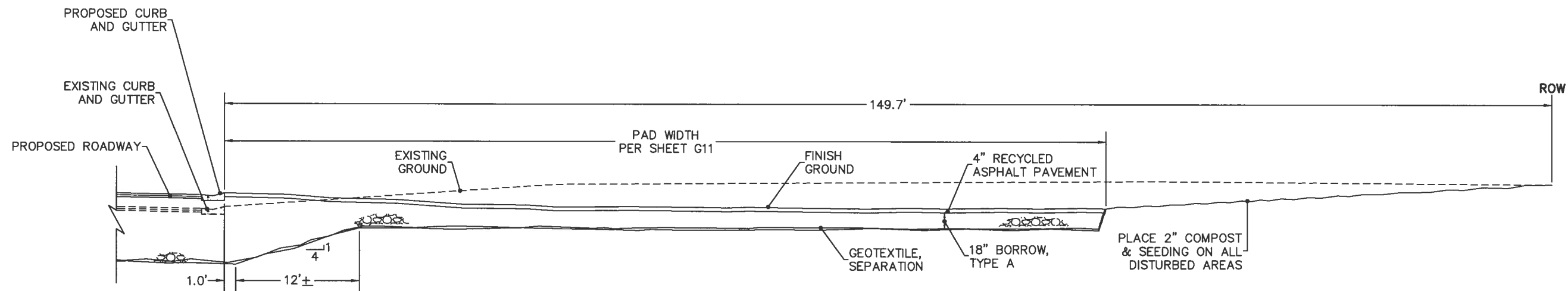
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE. TO DIMOND BLVD.
GRADING & PAVING
IMPROVEMENTS
LOT GRADING PLAN

LOUNSBURY PROJECT NUMBER: XX-XXX
COMPUTER DESIGNATION: T: Project 2001\01-046_B-2009\ENG_DELIVER_Plot-Check\G11-G12_Lot1-Grading_Bldg-046.dwg
PLOTTED BY: Melissa Drake
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
DATE: 04.14.2011 3:03
DRAFTED BY:

CERTIFICATION SET



A
G12
SECTION A-A
NTS

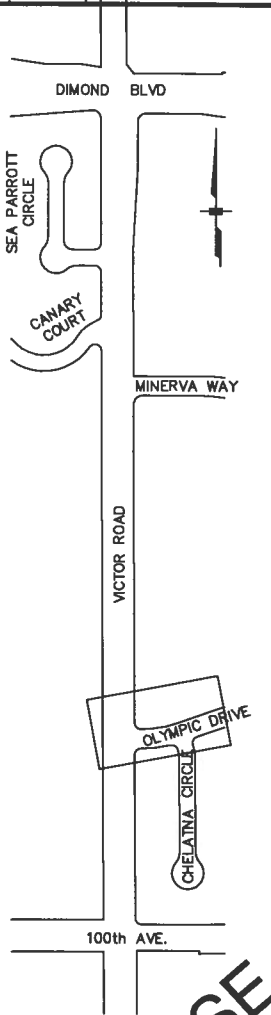


B
G12
SECTION B-B
NTS

CALL BEFORE YOU DIG
THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:
LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

CAUTION: EXACT LOCATION, SIZE, NUMBER, AND ELEVATION OF EXISTING UTILITIES MAY NOT BE SHOWN ACCURATELY. MULTIPLE PIPES/CABLES MAY EXIST WHERE ONE UTILITY IS SHOWN. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY LOCATION, SIZE, NUMBER, AND ELEVATION OF ALL EXISTING UTILITIES.

SHEET NO.		TOTAL SHEETS	
G12		G12	
STATE		YEAR	
ALASKA		2011	
PROJECT DESIGNATION			
STP-0001(232)/55027			
ADDENDUM NO.			
ATTACHMENT NO.			
REVISIONS			
NO.	DATE	DESCRIPTION	

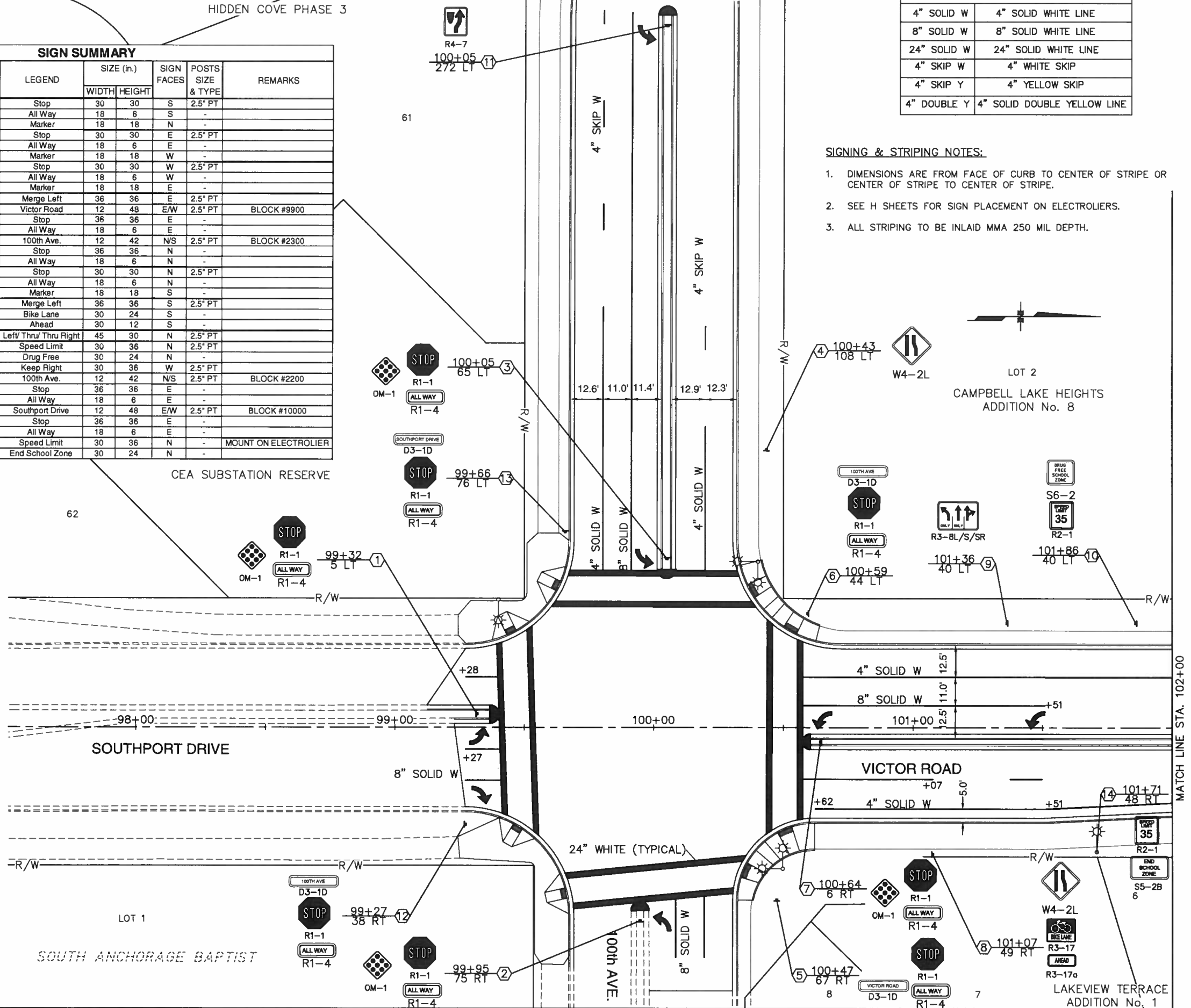


LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE. TO DIMOND BLVD.
GRADING & PAVING
IMPROVEMENTS
LOT GRADING SECTIONS

LOUNSBURY PROJECT NUMBER: XX-XXX
COMPUTER DESIGNATION: T1, Project 000101-046, B-2009ENG_DELIVER, Plotted By: Melissa Drake
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: T. J. Lounsbury
DATE: 04.14.2011 3:28
PLOTTED BY:

CERTIFICATION SET

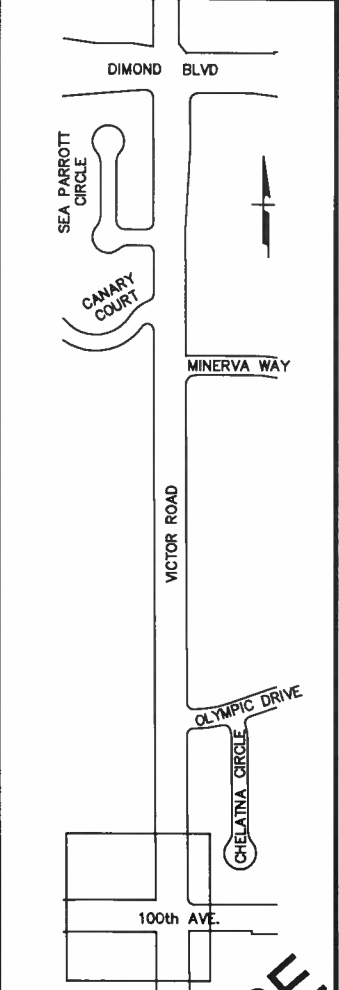
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POST NO.	STATION	OFFSET	TYPE	LEGEND	SIZE (in.)		SIGN FACES	POSTS SIZE & TYPE	REMARKS
					WIDTH	HEIGHT			
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			R1-4	All Way	18	6	S	-	
			OM-1	Marker	18	18	N	-	
2	99+95	75 RT	R1-1	Stop	30	30	E	2.5" PT	
			R1-4	All Way	18	6	E	-	
			OM-1	Marker	18	18	W	-	
3	100+05	65 LT	R1-1	Stop	30	30	W	2.5" PT	
			R1-4	All Way	18	6	W	-	
			OM-1	Marker	18	18	E	-	
4	100+43	108 LT	W4-2L	Merge Left	36	36	E	2.5" PT	
5	100+47	67 RT	D3-1D	Victor Road	12	48	E/W	2.5" PT	BLOCK #9900
			R1-1	Stop	36	36	E	-	
			R1-4	All Way	18	6	E	-	
6	100+59	44 LT	D3-1D	100th Ave.	12	42	N/S	2.5" PT	BLOCK #2300
			R1-1	Stop	36	36	N	-	
			R1-4	All Way	18	6	N	-	
7	100+64	6 RT	R1-1	Stop	30	30	N	2.5" PT	
			R1-4	All Way	18	6	N	-	
			OM-1	Marker	18	18	S	-	
8	101+07	49 RT	W4-2L	Merge Left	36	36	S	2.5" PT	
			R3-17	Bike Lane	30	24	S	-	
			R3-17a	Ahead	30	12	S	-	
9	101+36	40 LT	R3-BL/S/SR	Left Thru Thru Right	45	30	N	2.5" PT	
10	101+86	40 LT	R2-1	Speed Limit	30	36	N	2.5" PT	
			S6-2	Drug Free	30	24	N	-	
11	100+05	272 LT	R4-7	Keep Right	30	36	W	2.5" PT	
12	100+47	67 RT	D3-1D	100th Ave.	12	42	N/S	2.5" PT	BLOCK #2200
			R1-1	Stop	36	36	E	-	
			R1-4	All Way	18	6	E	-	
13	100+47	67 RT	D3-1D	Southport Drive	12	48	E/W	2.5" PT	BLOCK #10000
			R1-1	Stop	36	36	E	-	
			R1-4	All Way	18	6	E	-	
14	101+71	48 RT	R2-1	Speed Limit	30	36	N	-	MOUNT ON ELECTROLIER
			S5-2B	End School Zone	30	24	N	-	



TRAFFIC MARKING KEY	
4" SOLID W	4" SOLID WHITE LINE
8" SOLID W	8" SOLID WHITE LINE
24" SOLID W	24" SOLID WHITE LINE
4" SKIP W	4" WHITE SKIP
4" SKIP Y	4" YELLOW SKIP
4" DOUBLE Y	4" SOLID DOUBLE YELLOW LINE

- SIGNING & STRIPING NOTES:
- DIMENSIONS ARE FROM FACE OF CURB TO CENTER OF STRIPE OR CENTER OF STRIPE TO CENTER OF STRIPE.
 - SEE H SHEETS FOR SIGN PLACEMENT ON ELECTROLIERS.
 - ALL STRIPING TO BE INLAID MMA 250 MIL DEPTH.

SHEET NO.	TOTAL SHEETS	
H1	H12	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



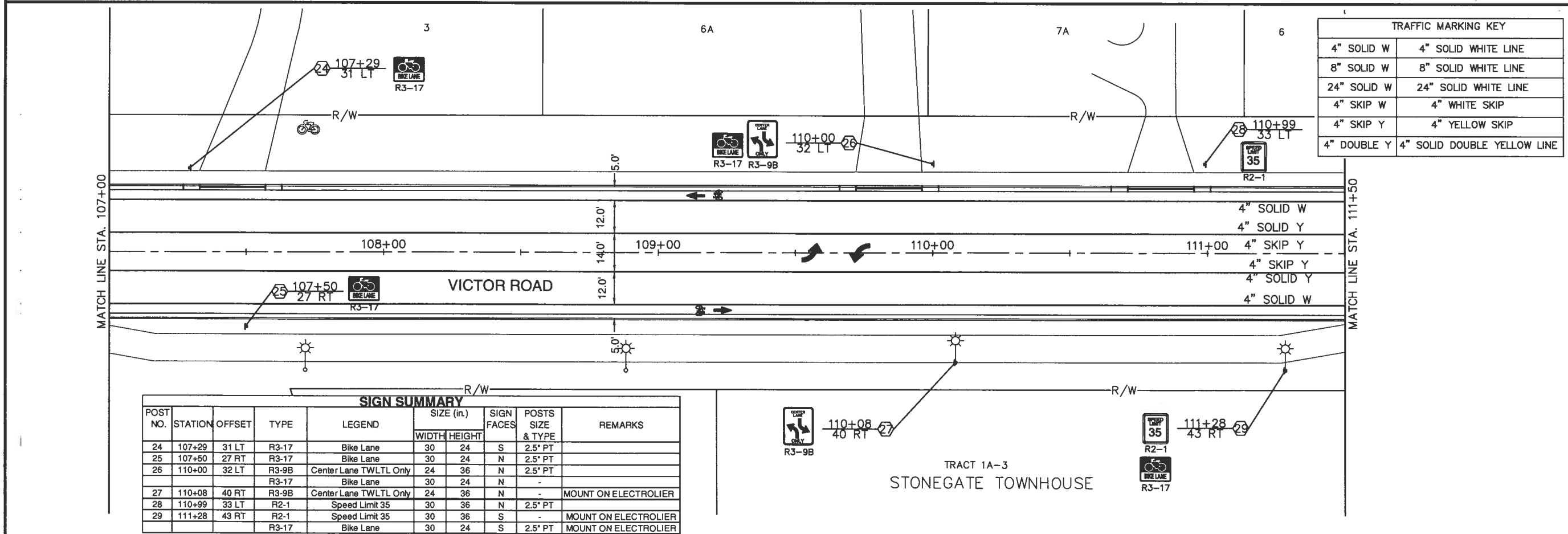
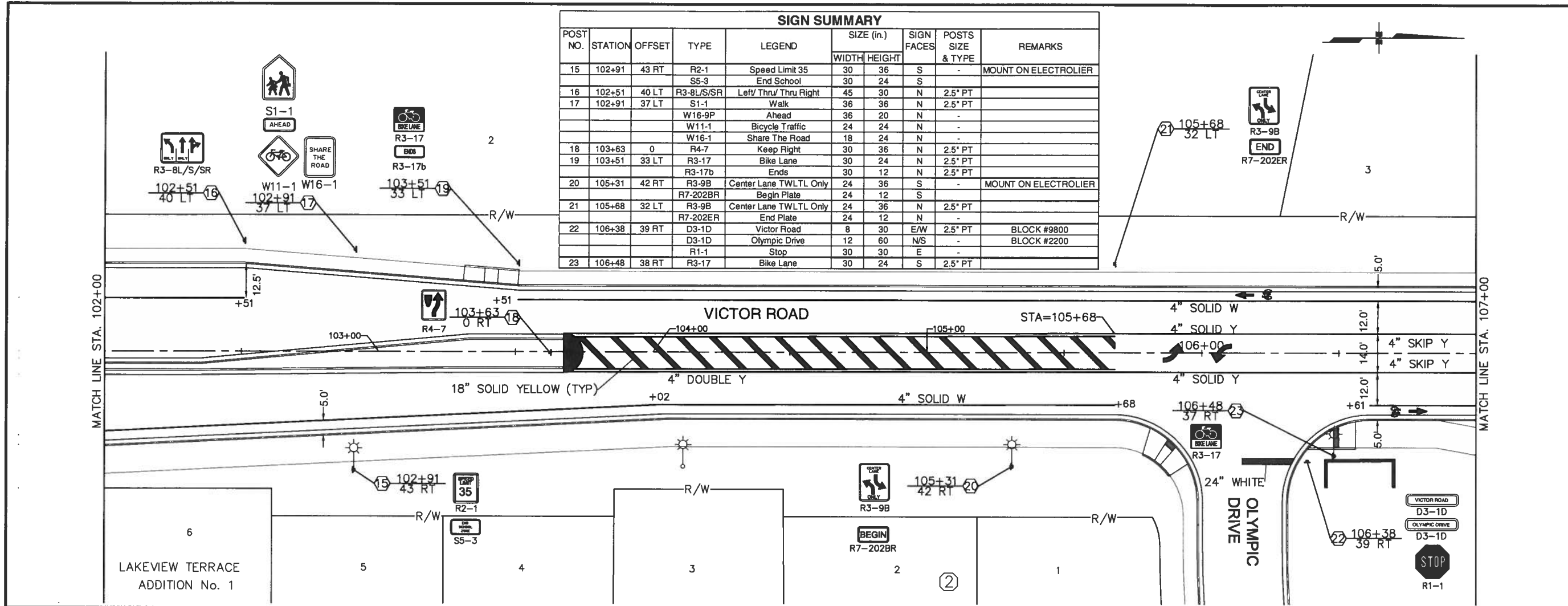
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

SIGNING AND STRIPING
BOP TO 102+00

LOUNSBURY PROJECT NUMBER: 000000
COMPUTER DESIGNATION: T1, Project 000101-046, B-2009ENG, DELIVER, P, B, C, Check, H, I, M, SIGNING & STRIPING, BID, CHECK, V, C, O, N, F, I, R, M, E, D, A, N, D, P, L, O, T, T, E, D
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: M. D. 04.14.2011 3:26
DRAFTED BY: M. D. 04.14.2011 3:26
PLOTTED BY: M. D. 04.14.2011 3:26

CERTIFICATION SET



SIGN SUMMARY									
POST NO.	STATION	OFFSET	TYPE	LEGEND	SIZE (in.)		SIGN FACES	POSTS SIZE & TYPE	REMARKS
					WIDTH	HEIGHT			
15	102+91	43 RT	R2-1	Speed Limit 35	30	36	S	-	MOUNT ON ELECTROLIER
16	102+51	40 LT	R3-8L/S/SR	Left Thru Thru Right	45	30	N	2.5" PT	
17	102+91	37 LT	S1-1	Walk	36	36	N	2.5" PT	
			W16-9P	Ahead	36	20	N	-	
			W11-1	Bicycle Traffic	24	24	N	-	
			W16-1	Share The Road	18	24	N	-	
18	103+63	0	R4-7	Keep Right	30	36	N	2.5" PT	
19	103+51	33 LT	R3-17	Bike Lane	30	24	N	2.5" PT	
			R3-17b	Ends	30	12	N	2.5" PT	
20	105+31	42 RT	R3-9B	Center Lane TWLTL Only	24	36	S	-	MOUNT ON ELECTROLIER
			R7-202BR	Begin Plate	24	12	S	-	
21	105+68	32 LT	R3-9B	Center Lane TWLTL Only	24	36	N	2.5" PT	
			R7-202ER	End Plate	24	12	N	-	
22	106+38	39 RT	D3-1D	Victor Road	8	30	E/W	2.5" PT	BLOCK #9800
			D3-1D	Olympic Drive	12	60	N/S	-	BLOCK #2200
			R1-1	Stop	30	30	E	-	
23	106+48	38 RT	R3-17	Bike Lane	30	24	S	2.5" PT	

TRAFFIC MARKING KEY			
4" SOLID W	4" SOLID WHITE LINE	4" SOLID Y	4" SOLID YELLOW LINE
8" SOLID W	8" SOLID WHITE LINE	4" SKIP Y	4" SKIP YELLOW LINE
24" SOLID W	24" SOLID WHITE LINE	4" SOLID Y	4" SOLID YELLOW LINE
4" SKIP W	4" WHITE SKIP	4" SKIP Y	4" YELLOW SKIP
4" SOLID Y	4" SOLID YELLOW LINE	4" SOLID Y	4" SOLID YELLOW LINE

SHEET NO. H2TOTAL SHEETS H12

STATE ALASKAYEAR 2011

PROJECT DESIGNATION STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

NO.	DATE	DESCRIPTION

DIMOND BLVD

SEA PARROTT CIRCLE

CANARY COURT

MINERVA WAY

VICTOR ROAD

OLYMPIC DRIVE

100th AVE.

CHALINA CIRCLE

STATE OF ALASKA

49th

PROFESSIONAL ENGINEER

LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION

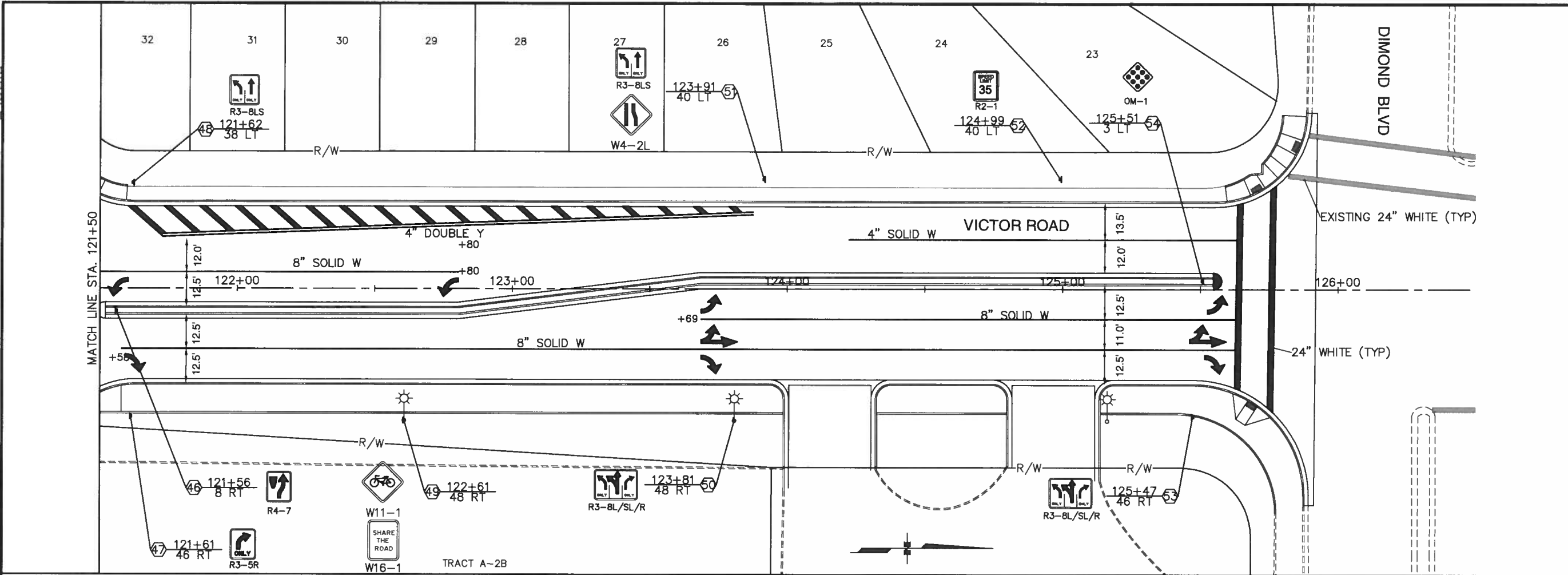
100TH AVE TO DIMOND BLVD

SIGNING AND STRIPING

STA 102+00 TO 111+50

LOUNSBURY PROJECT NUMBER: XX-XXX
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DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNATION: 04.14.2011 3:30
PLOTTED BY: Melissa Drake

CERTIFICATION SET



TRAFFIC MARKING KEY	
4" SOLID W	4" SOLID WHITE LINE
8" SOLID W	8" SOLID WHITE LINE
24" SOLID W	24" SOLID WHITE LINE
4" SKIP W	4" WHITE SKIP
4" SKIP Y	4" YELLOW SKIP
4" DOUBLE Y	4" SOLID DOUBLE YELLOW LINE

SIGN SUMMARY									
POST NO.	STATION	REF.	TYPE	LEGEND	SIZE (in.)		SIGN FACES	POSTS SIZE & TYPE	REMARKS
					WIDTH	HEIGHT			
46	121+56	8 RT	R4-7	Keep Right	30	36	S	2.5' PT	
47	121+61	46 RT	R3-5R	Right Turn Only	30	36	S	2.5' PT	
48	121+62	38 LT	R3-8LRS	Left/ Thru/ Right	45	30	N	2.5' PT	
49	122+61	48 RT	W11-1	Bicycle Traffic	24	24	N	-	MOUNT ON ELECTROLIER
			W16-1	Share The Road	18	24	N	-	
50	123+81	48 RT	R3-8L/SL/R	Left/ Thru Left/ Right	45	30	S	-	MOUNT ON ELECTROLIER
51	123+91	40 LT	R3-8LRS	Left/ Thru/ Right	45	30	N	2.5' PT	
			W4-2L	Merge left	36	36	N	2.5' PT	
52	124+99	40 LT	R2-1	Speed Limit 35	30	36	N	2.5' PT	
53	125+47	46 RT	R3-8L/SL/R	Left/ Thru Left/ Right	30	30	S	2.5' PT	
54	125+51	3 LT	OM-1	Marker	18	18	N	2.5' PT	

SHEET NO.
H4

TOTAL SHEETS
H12

STATE
ALASKA

YEAR
2011

PROJECT DESIGNATION
STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

NO.	DATE	DESCRIPTION

DIMOND BLVD

SEA PARROTT CIRCLE

CANARY COURT

MINERVA WAY

VICTOR ROAD

OLYMPIC DRIVE

CHELONA CIRCLE

100th AVE.

STATE OF ALASKA

49th

REGISTERED PROFESSIONAL ENGINEER

LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

SIGNING AND STRIPING
STA 121+50 TO EOP

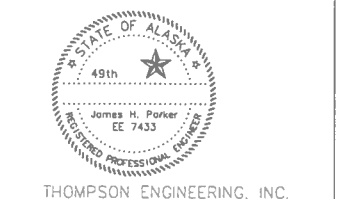
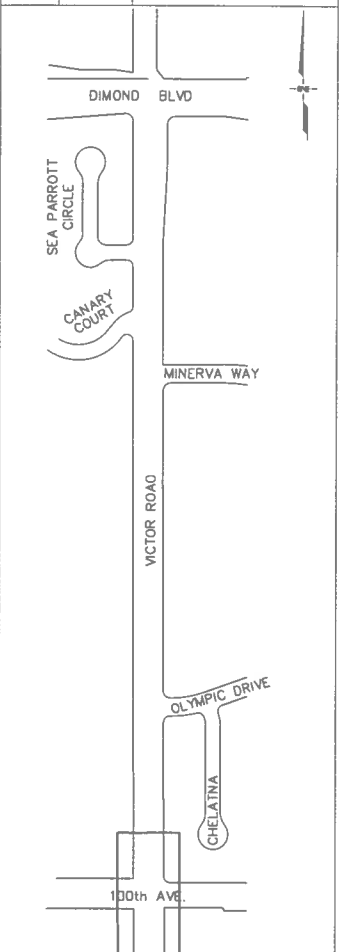
SHEET NO.	TOTAL SHEETS
H5	H12
STATE	YEAR
	2010

STP-0001(232)/55027

ADDENDUM NO.

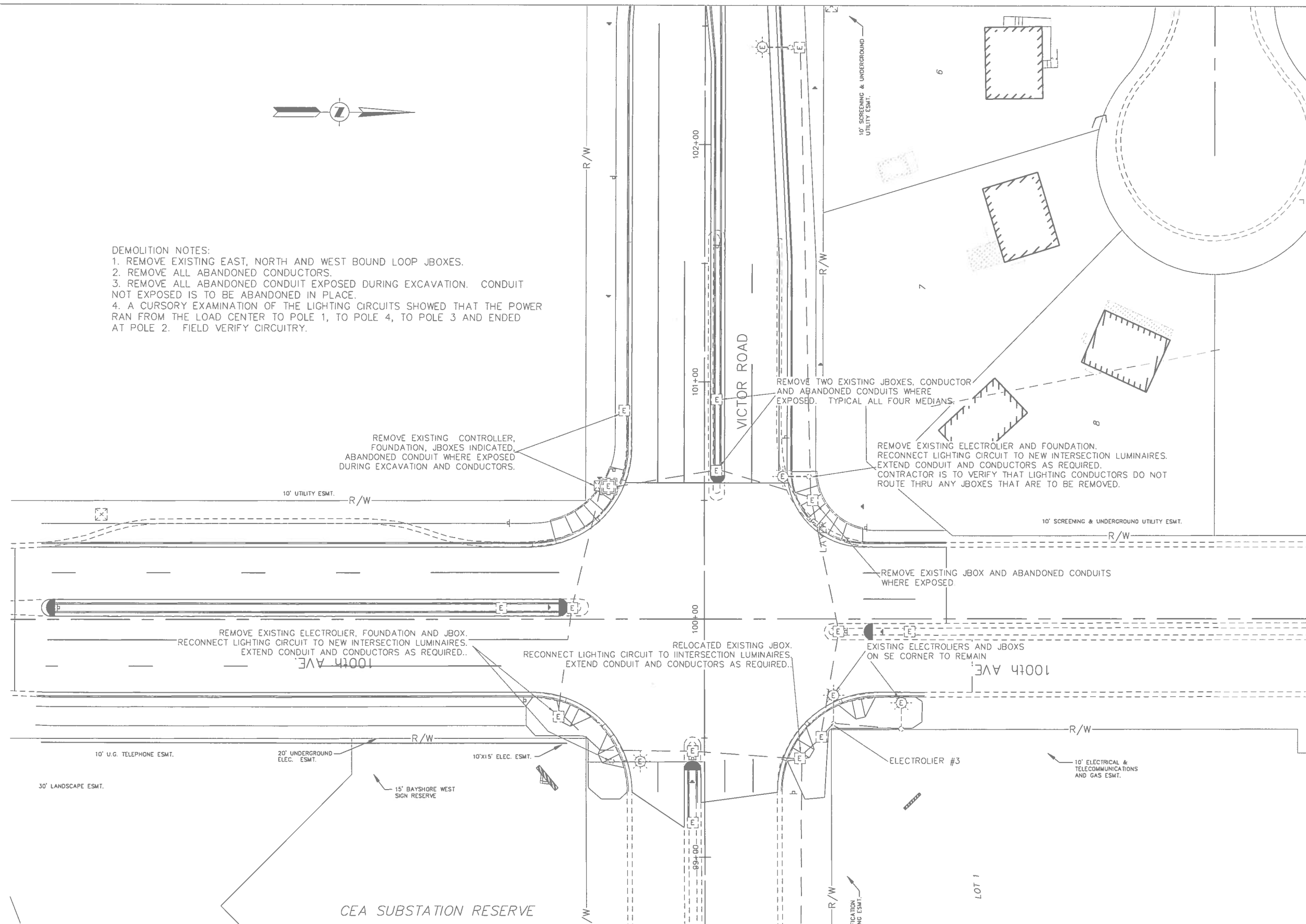
ATTACHMENT NO.

REVISIONS		
NO.	DATE	DESCRIPTION



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
VICTOR & 100TH
DEMOLITION
BOP TO 102+50

- DEMOLITION NOTES:
1. REMOVE EXISTING EAST, NORTH AND WEST BOUND LOOP JBOXES.
 2. REMOVE ALL ABANDONED CONDUCTORS.
 3. REMOVE ALL ABANDONED CONDUIT EXPOSED DURING EXCAVATION. CONDUIT NOT EXPOSED IS TO BE ABANDONED IN PLACE.
 4. A CURSORY EXAMINATION OF THE LIGHTING CIRCUITS SHOWED THAT THE POWER RAN FROM THE LOAD CENTER TO POLE 1, TO POLE 4, TO POLE 3 AND ENDED AT POLE 2. FIELD VERIFY CIRCUITRY.



SHEET NO.	TOTAL SHEETS
H6	H12
STATE	YEAR
	2010

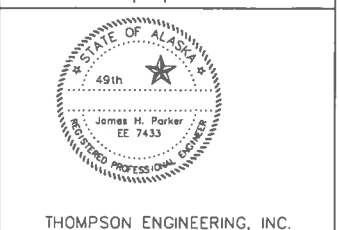
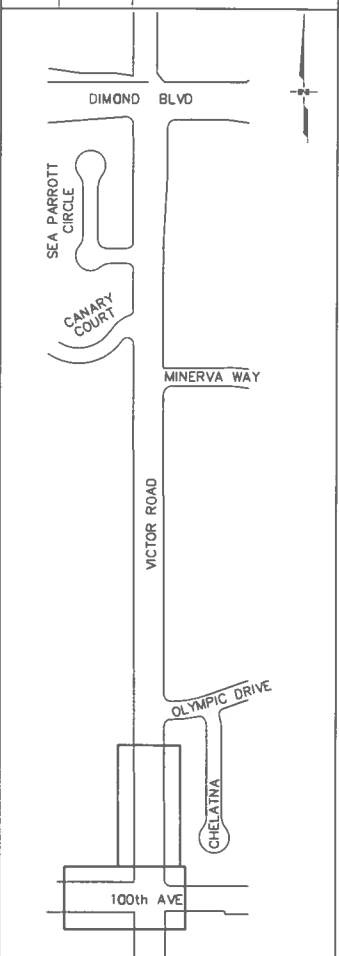
STP-0001(232)/55027

ADDENDUM NO.

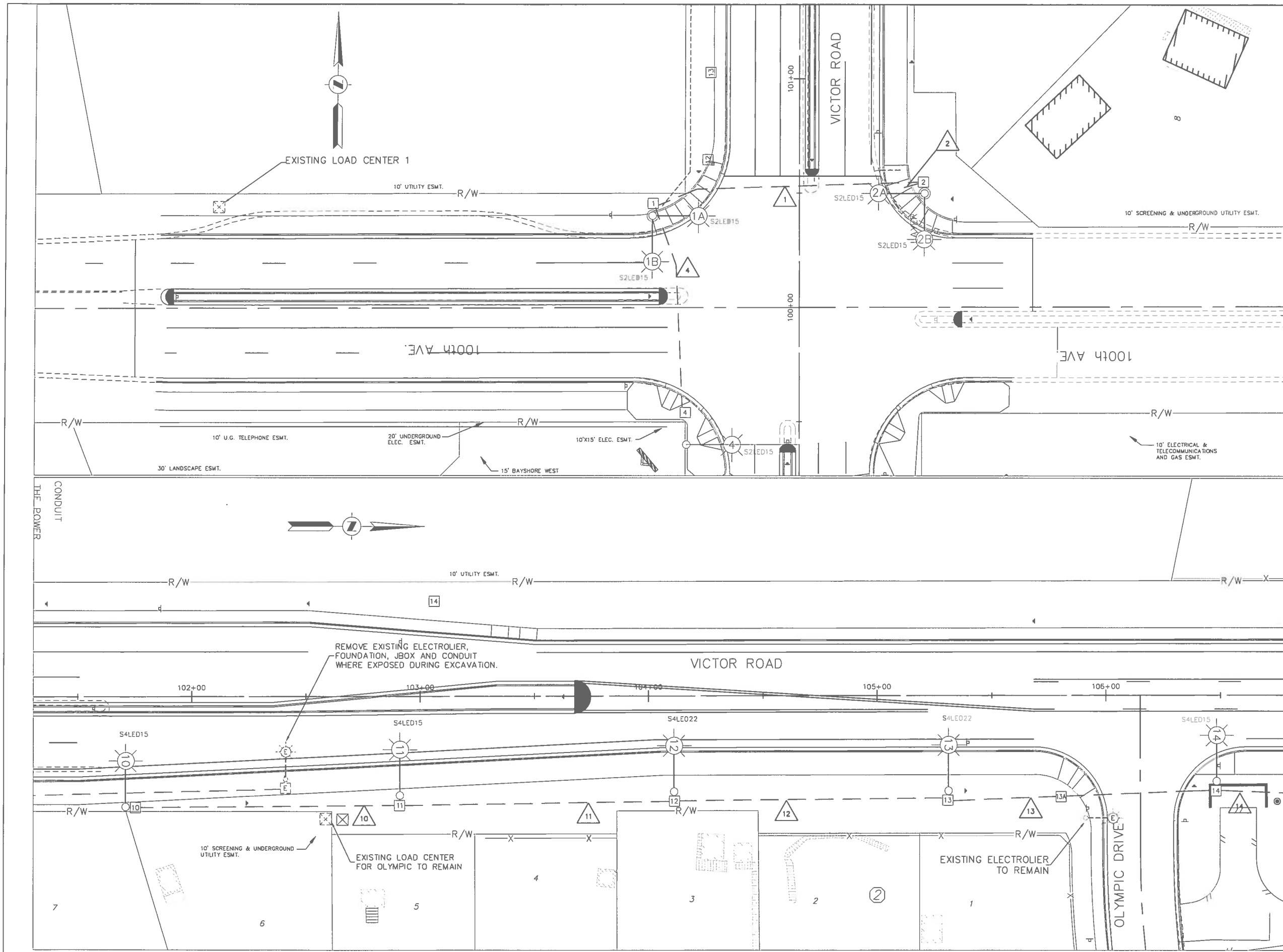
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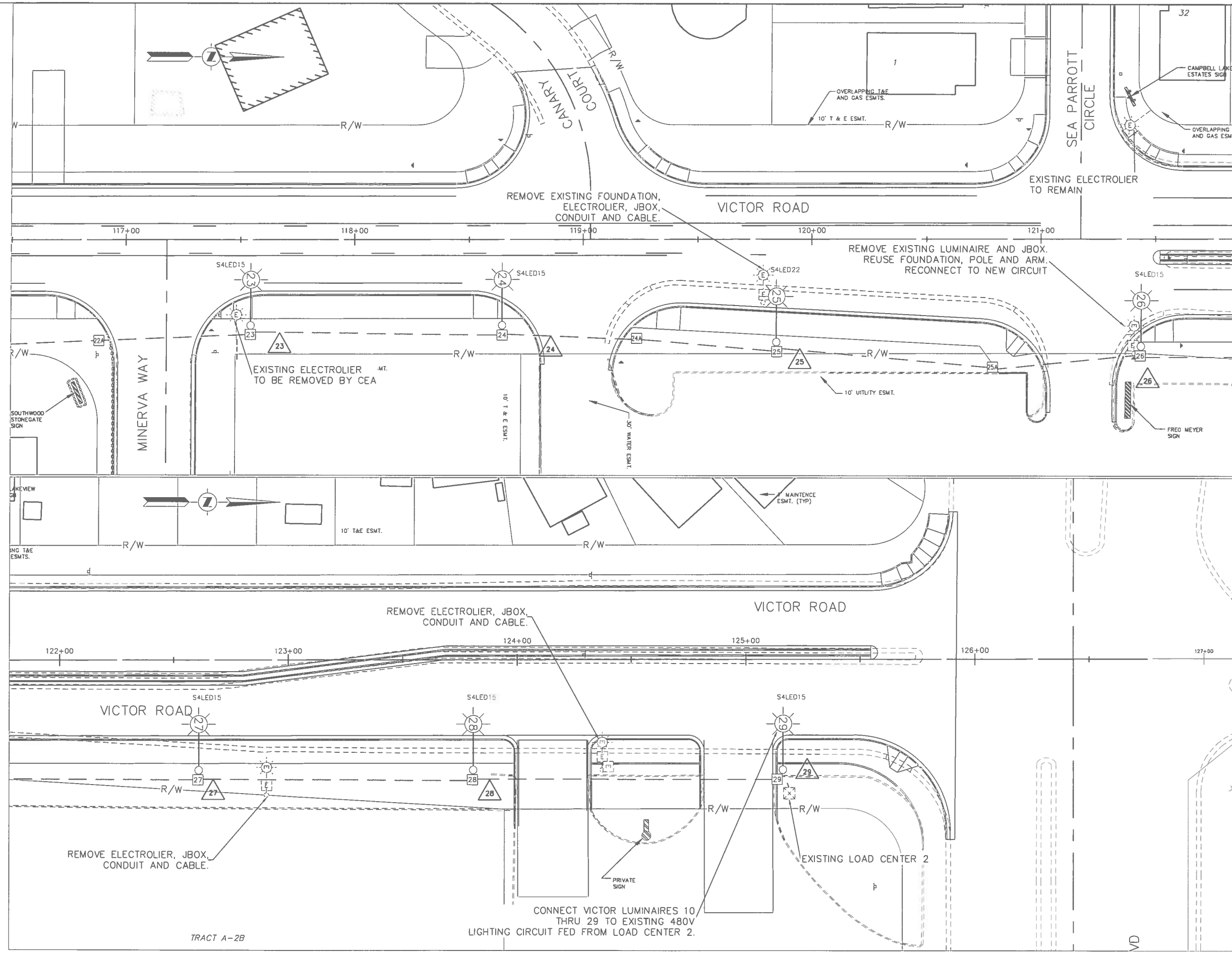
REVISIONS

NO.	DATE	DESCRIPTION



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
ILLUMINATION
VICTOR ROAD
BOP TO 106+75





TRACT A-2B

SHEET NO.	TOTAL SHEETS
H8	H12
STATE	YEAR
	2010

STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS		
NO.	DATE	DESCRIPTION

THOMPSON ENGINEERING, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
ILLUMINATION
VICTOR ROAD
STATION 117+00 TO 126+00

LIGHTING CALCULATIONS:

THIS PROJECT DOES NOT MEET CURRENT VERSION OF MUNICIPALITY OF ANCHORAGE MINIMUM DESIGN CRITERIA. A DESIGN WAIVER TO MEET THE PROPOSED DCM MANUAL DATED 10-22-2010 FOR ROADWAY LIGHTING OF SECONDARY PARAGRAPH 5.7D WILL BE SUBMITTED.

James H Parker

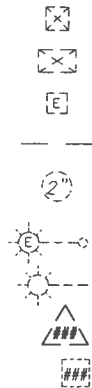
JAMES H. PARKER, PE

General Photometric Schedule

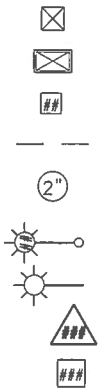
AVERAGE FOOTCANDLES	0.820
MAXIMUM FOOTCANDLES	1.52
MINIMUM FOOTCANDLES	0.24
MINIMUM TO MAXIMUM FC RATIO	0.160
MAXIMUM TO MINIMUM FC RATIO	6.240
AVERAGE TO MINIMUM FC RATIO	3.369

SYMBOL LEGEND

EXISTING



PROPOSED



LOAD CENTER

TRAFFIC CONTROLLER

TYPE 1A JUNCTION BOX

LIGHTING SYSTEM CONDUITS

RMC WITH SIZE IN INCHES

ELECTROLIER

LUMINAIRE

CONDUIT NUMBER

LOOP DETECTORS

HEAT TRACE/CONDUIT

LUMINAIRE SCHEDULE				
LUM #	POLE HEIGHT	ARM LENGTH	STATION	OFFSET
1A	40	15	100+40.2	64.3L
1B		15		
2A	40	15	100+49.7	54.7R
2B		15		
4	40	15	99+40.1	49.5R
10	40	15	101+70.9	48.0R
11	40	15	102+90.9	43.1R
12	40	22	102+11.0	41.7R
13	40	22	105+31.0	41.5R
14	40	15	106+48.2	37.5R
15	40	22	107+71.5	43.0R
16	40	22	108+88.2	43.0R
17	40	22	110+08.2	40.0R
18	40	22	111+28.2	42.8R
19	40	15	112+50.4	35.5R
20	40	22	113+70.3	43.0R
21	40	22	114+90.3	43.0R
22	40	22	116+10.3	43.0R
23	40	15	117+54.4	37.5R
24	40	15	118+64.4	37.5R
25	40	22	119+84.4	44.9R
26	40	15	121+43.7	46.9R
27	40	15	121+60.7	48.0R
28	40	15	123+80.7	48.0R
29	40	15	125+16.2	48.0R

JBOX SCHEDULE			
JBOX #	TYPE	STATION	OFFSET
1	1A	100+43.2	64.3L
2	1A	100+52.7	54.7R
4	1A	99+53.6	49.5R
10	1A	BEHIND POLE OR	
11	1A	ON DOWNSTREAM SIDE	
12	1A		
13	1A		
13A	1A		
14	1A		
15	1A		
16	1A		
17	1A		
18	1A		
18A	1A	ROAD CROSSING	
19	1A		
20	1A		
21	1A		
22	1A		
22A	1A	ROAD CROSSING	
23	1A		
24	1A		
24A	1A	ROAD CROSSING	
25	1A		
25A	1A	ROAD CROSSING	
26	1A		
27	1A		
28	1A		
29	1A		

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO	TOTAL SHEETS
No.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2010	H9	H12

LIGHTING CONDUIT SCHEDULE						
CNDT NO.	CNDT. SIZE	CNDT LENGTH	FROM	TO	CONDUCTOR	
1	2"	120	JBOX 1	JBOX 2	1-3/C#8	
4	2"	95	JBOX 1	JBOX 4	1-3/C#8	
10	2"	115	JBOX 10	JBOX 11	1-3/C#8	
11	2"	120	JBOX 11	JBOX 12	1-3/C#8	
12	2"	120	JBOX 12	JBOX 13	1-3/C#8	
13	2"	115	JBOX 13	JBOX 14	1-3/C#8	
14	2"	120	JBOX 14	JBOX 15	1-3/C#8	
15	2"	115	JBOX 15	JBOX 16	1-3/C#8	
16	2"	115	JBOX 16	JBOX 17	1-3/C#8	
17	2"	120	JBOX 17	JBOX 18	1-3/C#8	
18	2"	125	JBOX 18	JBOX 19	1-3/C#8	
19	2"	115	JBOX 19	JBOX 20	1-3/C#8	
20	2"	115	JBOX 21	JBOX 21	1-3/C#8	
21	2"	120	JBOX 21	JBOX 22	1-3/C#8	
22	2"	130	JBOX 22	JBOX 23	1-3/C#8	
23	2"	115	JBOX 23	JBOX 24	1-3/C#8	
24	2"	120	JBOX 24	JBOX 25	1-3/C#8	
25	2"	150	JBOX 25	JBOX 26	1-3/C#8	
26	2"	115	JBOX 26	JBOX 27	1-3/C#8	
27	2"	115	JBOX 27	JBOX 28	1-3/C#8	
28	2"	130	JBOX 28	JBOX 29	1-3/C#8	
29	2"	10	JBOX 29	LOADCENT	1-3/C#8	

LUMINAIRE SCHEDULE

CALLOUT	SYMBOL	LAMP	DESCRIPTION	BALLAST	MODEL	INPUT WATTS	VOLTS	NOTE 1	NOTE 2	QUANTITY
S2LED15		(1) 221W LED	120 LED, 525MA DRIVER IES TYPE 3 MEDIUM	DRIVER	BETA "LEDWAY" STR-LWY-3MB-HT-12 C UL SV	221	240V 2P 2W	15' ARM		5
S4LED15		(1) 221W LED	120 LED, 525MA DRIVER IES TYPE 3 MEDIUM	DRIVER	BETA "LEDWAY" STR-LWY-3MB-AA-12 C UH SV	221	480V 2P 2W	15' ARM	40' POLE LENGTH	10
S4LED22		(1) 221W LED	120 LED, 525MA DRIVER IES TYPE 3 MEDIUM	DRIVER	BETA "LEDWAY" STR-LWY-3MB-AA-12 C UH SV	221	480V 2P 2W	22' ARM	40' POLE LENGTH	10

CONTRACTOR TO VERIFY FIXTURE COUNT

LOAD CENTER NO. 1 TYPE: 2	
LOCATION: EXISTING APPROX 100+40, 2+50 LEFT ON 100TH AVE	
2 POLE, 100 AMP CONTACTOR	
PANEL 1 120/240 VOLTS SINGLE PHASE 3 WIRE	
100 AMPS MAIN LUGS, AMPS INTERRUPT CAPACITY	
CKT. DESCRIPTION	KVA AMP
100/2 MAIN	
30/2 EXISTING LIGHTING CIRCUIT LAKESHORE AND TO THE WEST	
15/2 EXISTING CB	
VICTOR TO LAKESHORE	
15/2 EXISTING CB	
VICTOR INTERSECTION	

LOAD CENTER NO. 2 TYPE: 2	
LOCATION: EXISTING APPROX 125+25 ON VICTOR	
2 POLE, 100 AMP CONTACTOR	
PANEL 1 240/480 VOLTS SINGLE PHASE 3 WIRE	
100 AMPS MAIN LUGS, AMPS INTERRUPT CAPACITY	
CKT. DESCRIPTION	KVA AMP
100/2 MAIN	
EXISTING	
25/2 EXISTING NORTH/ SOUTH LIGHTING CIRCUIT	

NOTE: THERE ARE TWO METER/LOAD CENTERS IN ONE ENCLOSURE. CONNECT TO SOA LOAD CENTER CIRCUIT #3.

LIGHTING NOTES:

- COMPLY WITH STATE OF ALASKA DOT REQUIREMENTS, EXCEPT COMPLY WITH M.O.A. REQUIREMENTS FOR 'WHITE LIGHT' STANDARDS.
- DUE TO THE CLOSE PROXIMITY OF WATER, SEWER AND OTHER UTILITIES, ELECTROLIER FOUNDATIONS SHALL BE DUG WITH A VAC TRUCK OR AIR KNIFE. DRIVEN PILE SHALL NOT BE USED WITHIN 10' OF A WATER OR SEWER LINE.
- REMOVE EXISTING ABANDONED TRAFFIC CABINET, FOUNDATION, CONDUIT EXPOSED DURING EXCAVATION AND ALL ABANDONED WIRE.
- RECONNECT VICTOR & 100TH AVE INTERSECTION LUMINAIRES TO EXISTING LIGHTING CIRCUIT.
- CONNECT VICTOR STREET LIGHTING LUMINAIRES TO EXISTING LIGHTING CIRCUIT SUPPLIED FROM M.O.A. LOAD CENTER AT THE CORNER OF VICTOR & DIMOND.
- AS PART OF THIS PROJECT, THE OVERHEAD ELECTRICAL LINES ON THE NORTHWEST AND SOUTHWEST CORNERS OF 100TH AND VICTOR ARE BEING MOVED TO AN UNDERGROUND SYSTEM. THE 40' POLES 1 AND 4 WILL NOT CONFLICT WITH THE POWER LINE.



PLANS DEVELOPED BY:
THOMPSON ENGINEERING

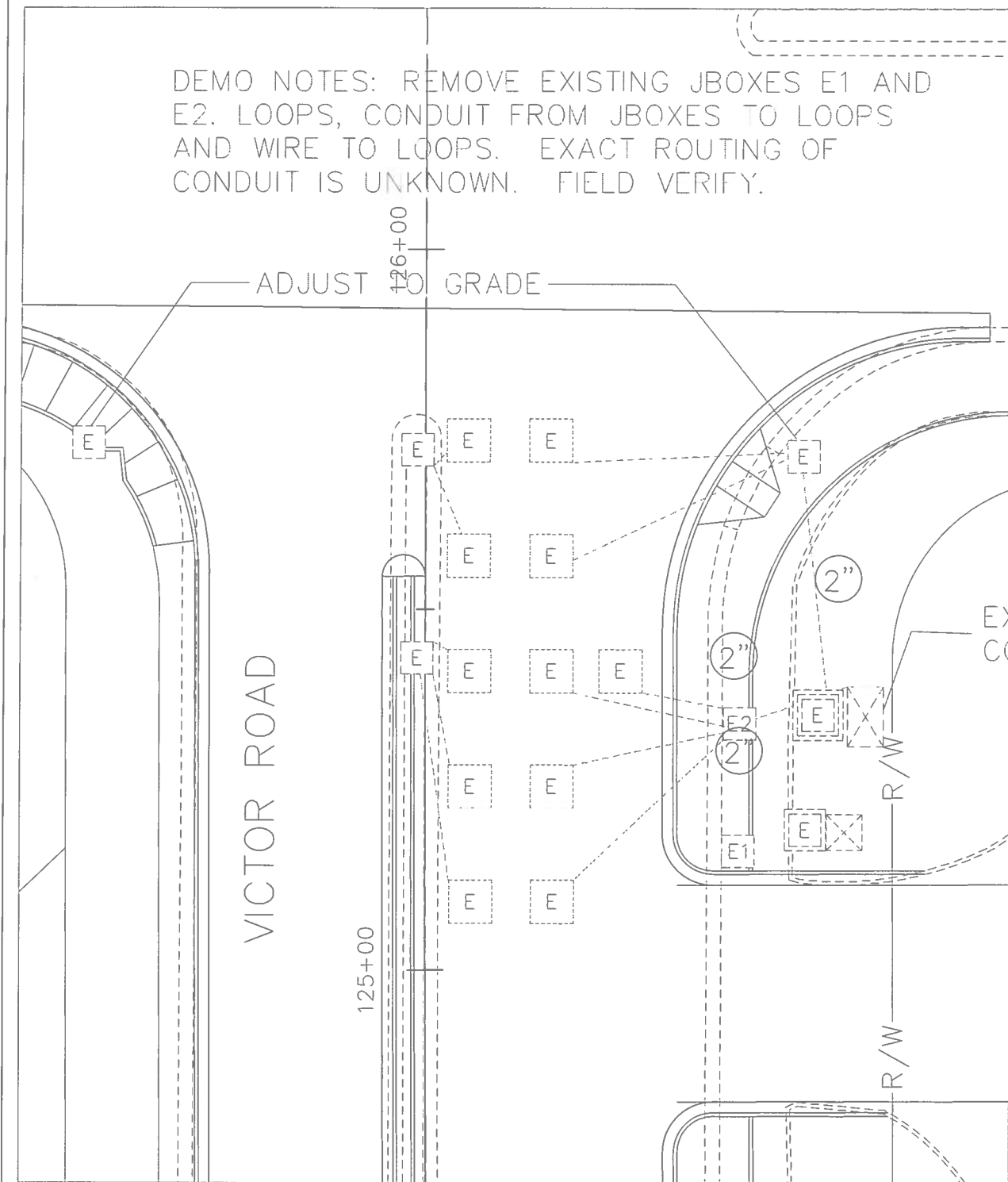
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
ANCHORAGE

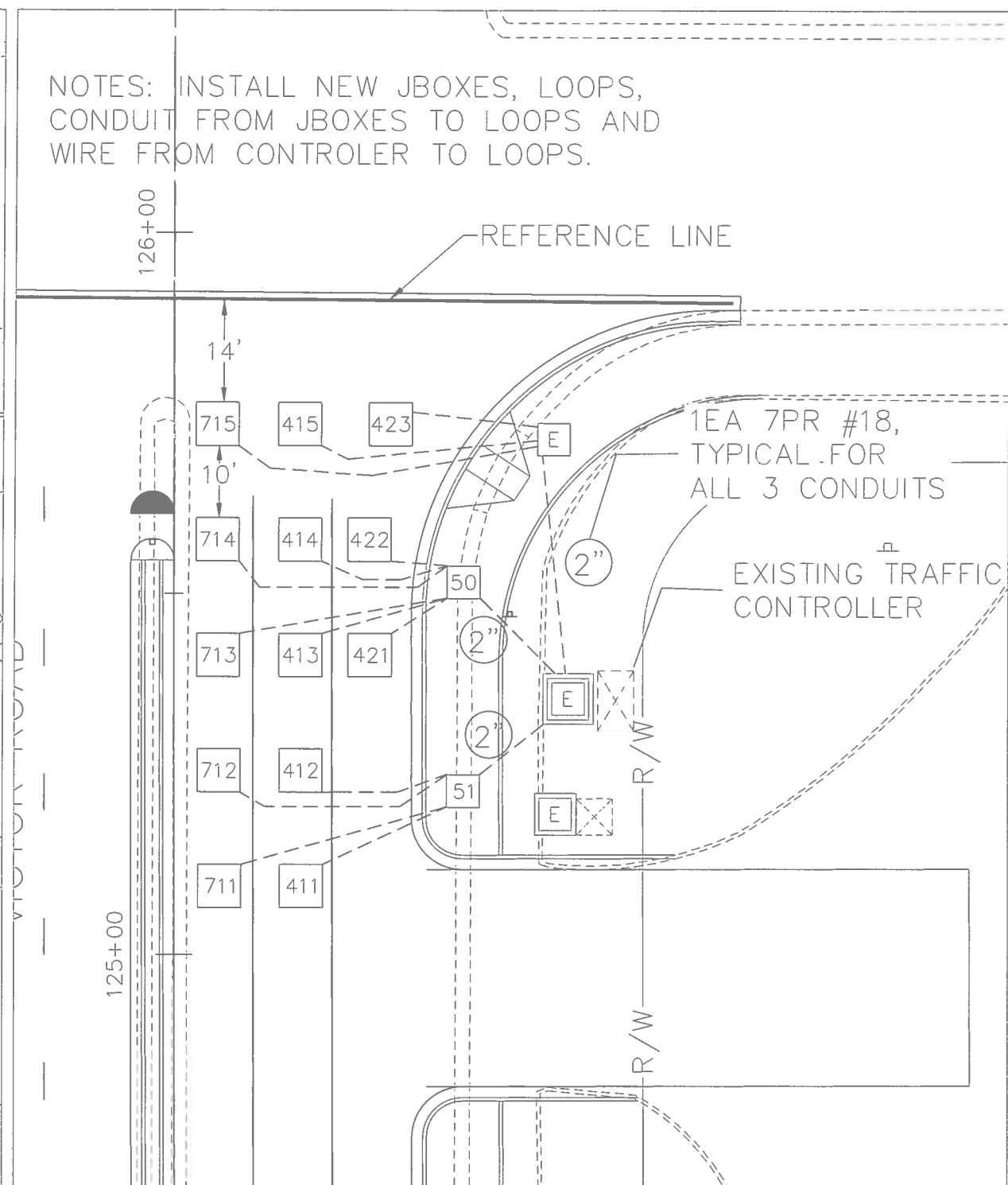
ILLUMINATION
SCHEDULES

LOUNSBURY PROJECT NUMBER	XX-XXX
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DESIGNED BY	THOMPSON ENGINEERING
CHECKED BY	JAP
DRAFTED BY	JAP
DATE	04.13.2011 12:15
PLOTTED BY	Jim

PIH December 2007



1 LOOP DEMO
SCALE: 1" = 10' 0"



2 NEW LOOP LAYOUT
SCALE: 1" = 10' 0"

SHEET NO.	TOTAL SHEETS
H10	H12
STATE	YEAR
	2010

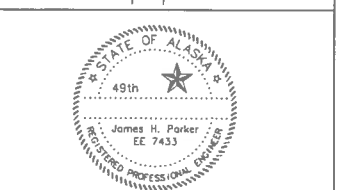
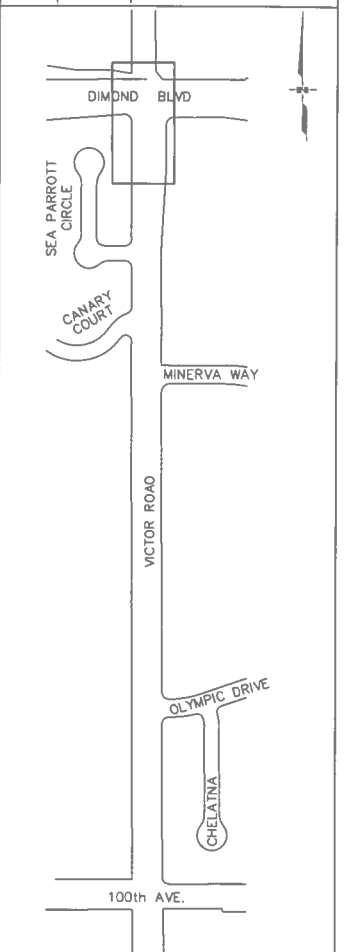
STP-0001(232)/55027

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

NO.	DATE	DESCRIPTION



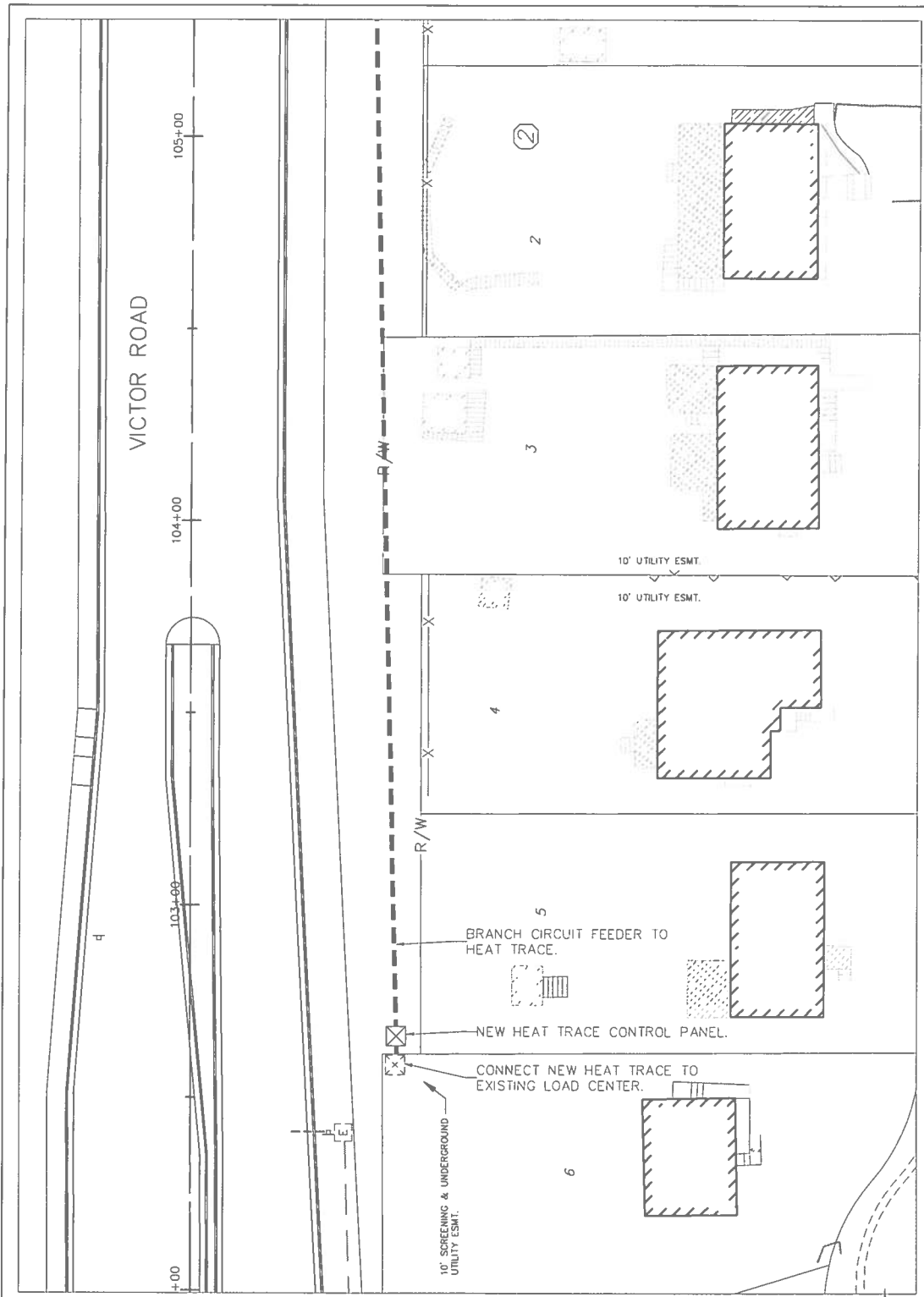
THOMPSON ENGINEERING, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

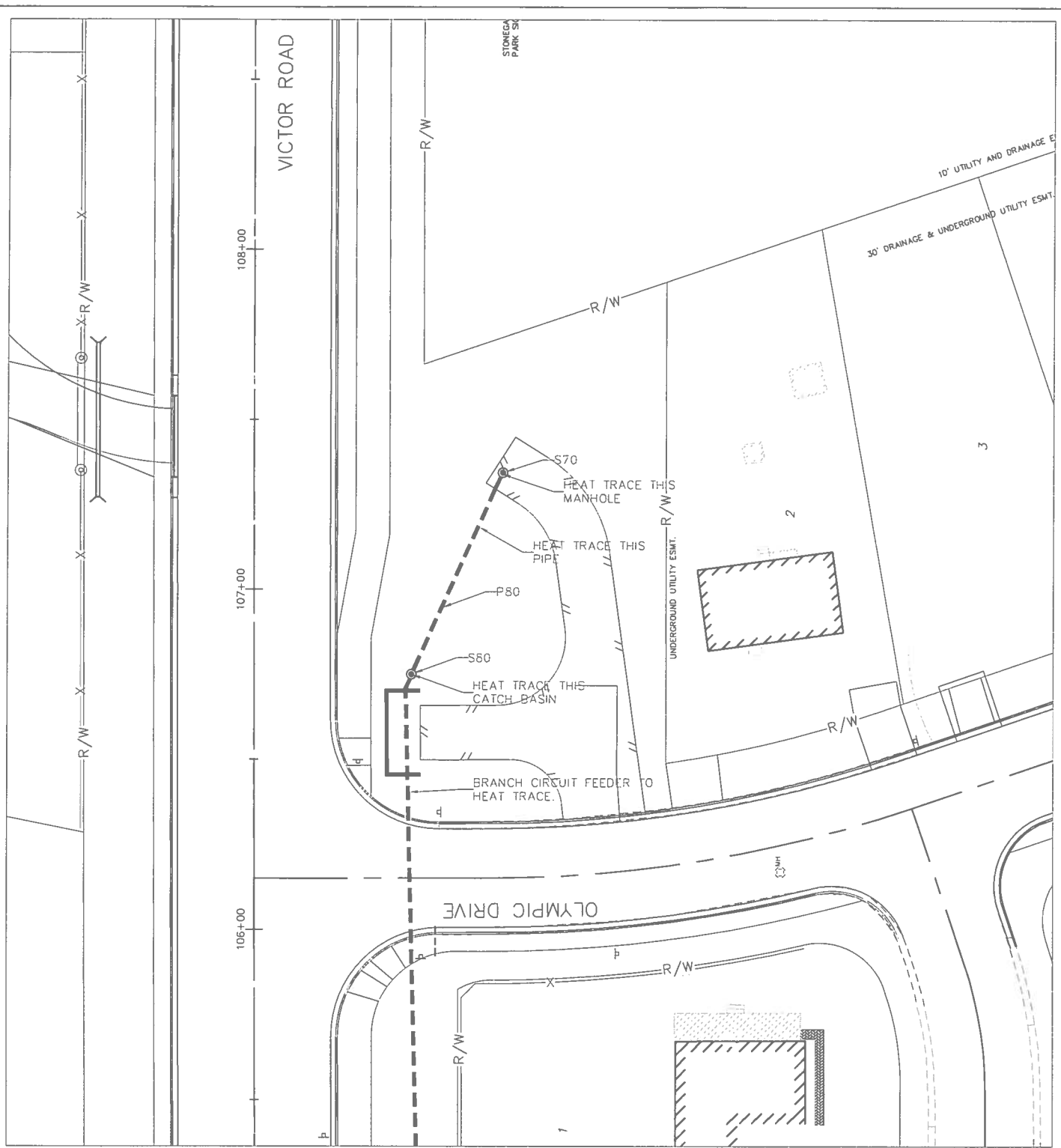
SIGNAL
VICTOR ROAD
VICTOR & DIMOND

LOUNGBURY PROJECT NUMBER	XX-XXX	DESIGNED BY	THOMPSON ENGINEERING
COMPUTER DESIGNATION	E:\Jim P Documents\Drawings\Consbury\Victor\Victor Electrical.dwg	CHECKED BY	JAP
PLOTTED BY	Jim	DRAFTED BY	JAP
			000000

PIH December 2007



1 HEAT TRACE LOAD CENTER PLAN



2 HEAT TRACE PLAN

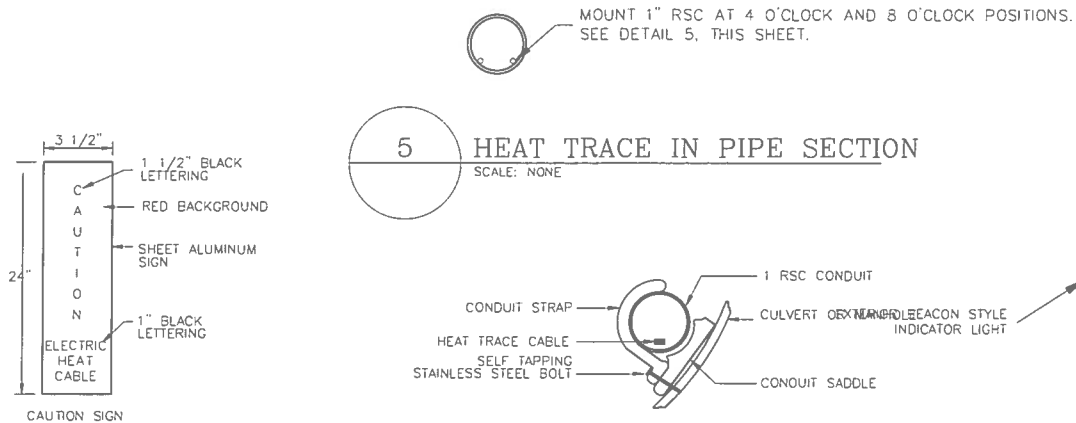
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H11		H12	
STATE		YEAR	
		2010	
STP-0001(232)/55027			
ADDENDUM NO.			
ATTACHMENT NO.			
REVISIONS			
NO.	DATE	DESCRIPTION	

THOMPSON ENGINEERING, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

HEAT TRACE
VICTOR ROAD
STATION 117+00 TO 126+00

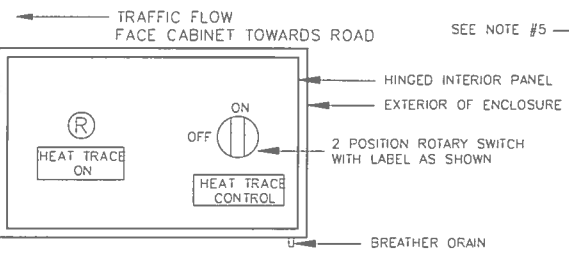
REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
No.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2010	H12	H12



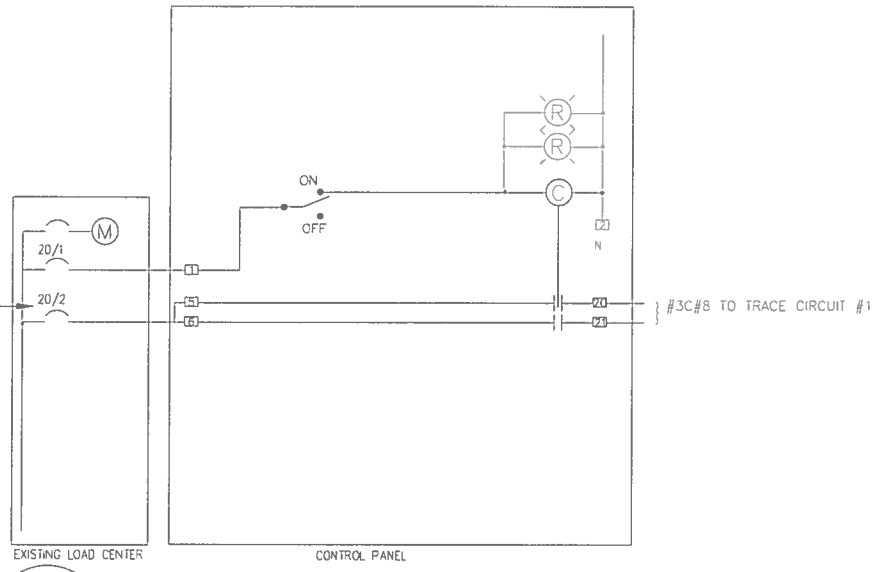
5 HEAT TRACE IN PIPE SECTION
SCALE: NONE



4 CONDUIT SUPPORT DETAIL
SCALE: NONE MANHOLE SUPPORT SIMILAR



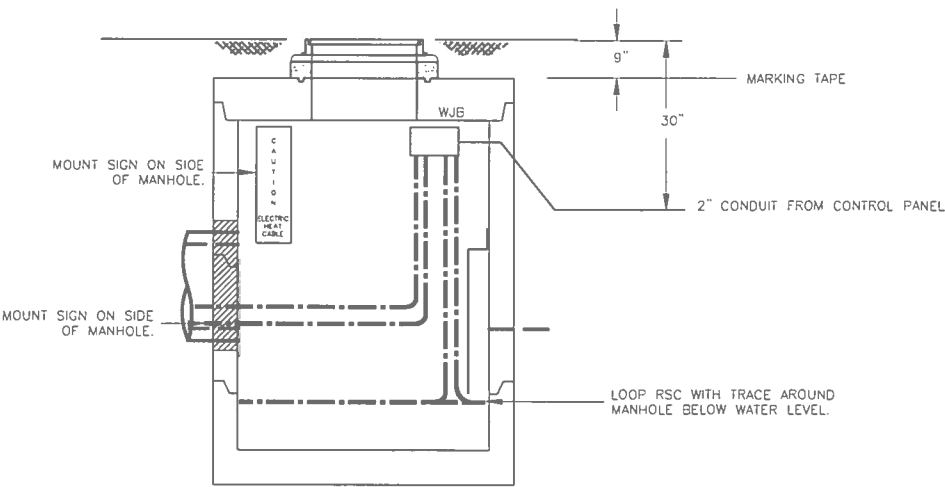
6 CONTROL PANEL SWING OUT PANEL
SCALE: NONE



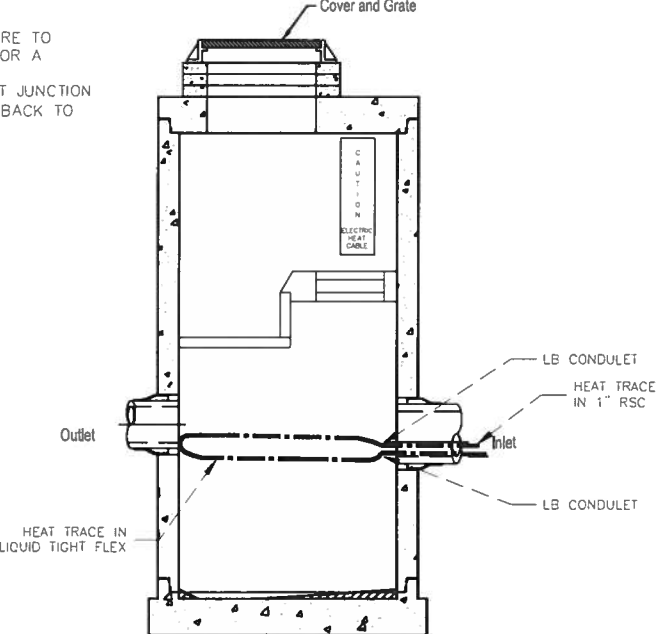
7 HEAT TRACE CONTROL DIAGRAM
SCALE: NONE

3 CAUTION SIGN DETAIL
SCALE: NONE

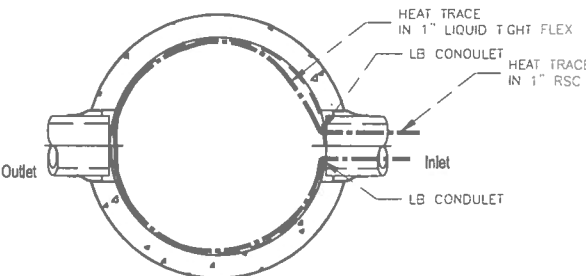
HEAT TRACE NOTES:
1. COMPLY WITH DOT SPECIFICATION SECTION 616. SEE 616-5.01 FOR PAYMENT MEASUREMENTS.
2. PROVIDE UL LABEL FOR CONTROL PANEL.
3. BRANCH CIRCUIT WIRE: 3 CONDUCTOR (ONE AS SPARE) XHHW CABLE, STRANDED COPPER WITH OVERALL POLYETHYLENE JACKET.
4. HEAT TRACE - 12W/FT 240V, SELF LIMITING, METAL BRAID AND OUTER JACKET, RAYCHEM TYPE GM-2X.
5. BRANCH CIRCUIT BREAKERS - GFCI 30MA TRIP (CLASS B)
6. CONTACTOR - HEAT TRACE PANEL #1 - 30 AMP 4 POLE ELECTRICALLY HELD.
7. HEAT TRACE CONTROL SWITCH - SQD CLASS 9003 K2 2 POSITION ROTARY SWITCH, WITH LABEL AS SHOWN.
8. MOUNT CONTROL PANEL ON STEEL POST.
9. CONTROL PANEL ENCLOSURE TO BE TYPE 4X 304 STAINLESS STEEL. PROVIDE A HINGED PANEL INSIDE OF THE ENCLOSURE TO MOUNT THE CONTROLS ON AND AN EXTERIOR HINGED PANEL COVER TO PROTECT THE CONTROLS. PROVIDE WITH A HASP FOR A PADLOCK.
10. ALL HEAT TRACE IS ON ONE CIRCUIT. LOOP THE FIRST RUN AROUND THE CATCH BASIN AND BACK TO THE WATERTIGHT JUNCTION BOX (WJB). THE SECOND RUN OF HEAT TRACE STARTS AT WJB, DOWN TO OUTLET PIPE, TO MANHOLE, AROUND MANHOLE, BACK TO CATCH BASIN AND TERMINATES AT WJB. USE "C" OR "LB" CONDULETS AS REQUIRED FOR PULLING.
11. BEACON LIGHT: SQD XVBLS4, MOUNTED ON DOWNSTREAM OF TRAFFIC SIDE.



1 PIPE HEAT TRACE FEED BASIN S80 ELEVATION
SCALE: NONE



2 STORM DRAIN CATCH BASIN S70 ELEVATION & PLAN
SCALE: NONE



Plan View

PLANS DEVELOPED BY:
THOMPSON ENGINEERING

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES

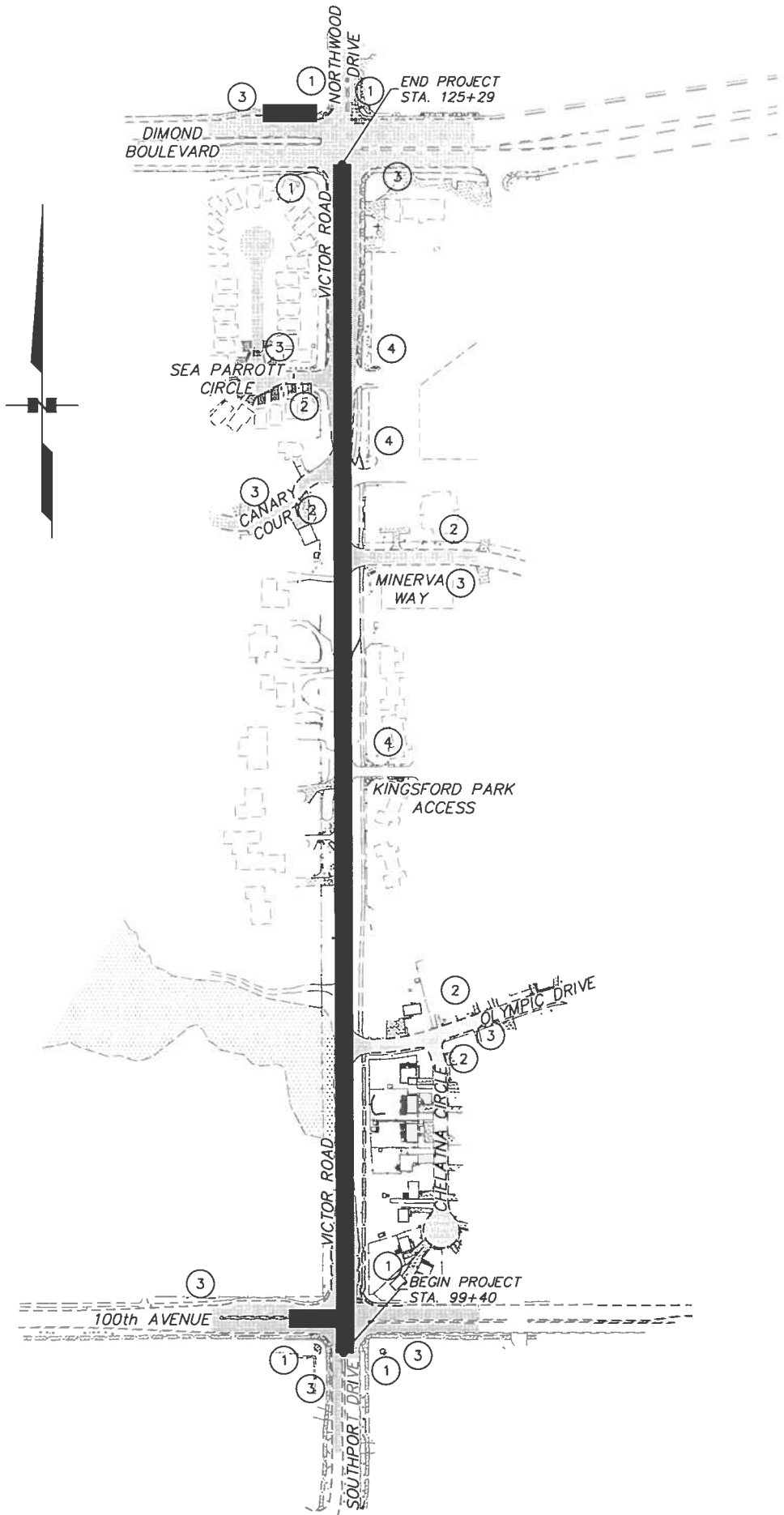
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
ANCHORAGE

HEAT TRACE
DETAILS

LOUNSBURY PROJECT NUMBER: 000000
COMPUTER DESIGNATION: Jm
DESIGNED BY: Jm
CHECKED BY: Jm
DRAFTED BY: Jm
DATE: 04.13.2011 12:16

LOUNSBURY PROJECT NUMBER 09-048B
COMPUTER DESIGNATION T:_Project\2001\01-048_B-2009 ENG\DELIVER\Plot-Bld-Check K1_Plot-Advanced-Signing.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
DRAFTED BY
PLOTTED BY Tom Garrett
04.16.2011 12:20

CERTIFICATION SET

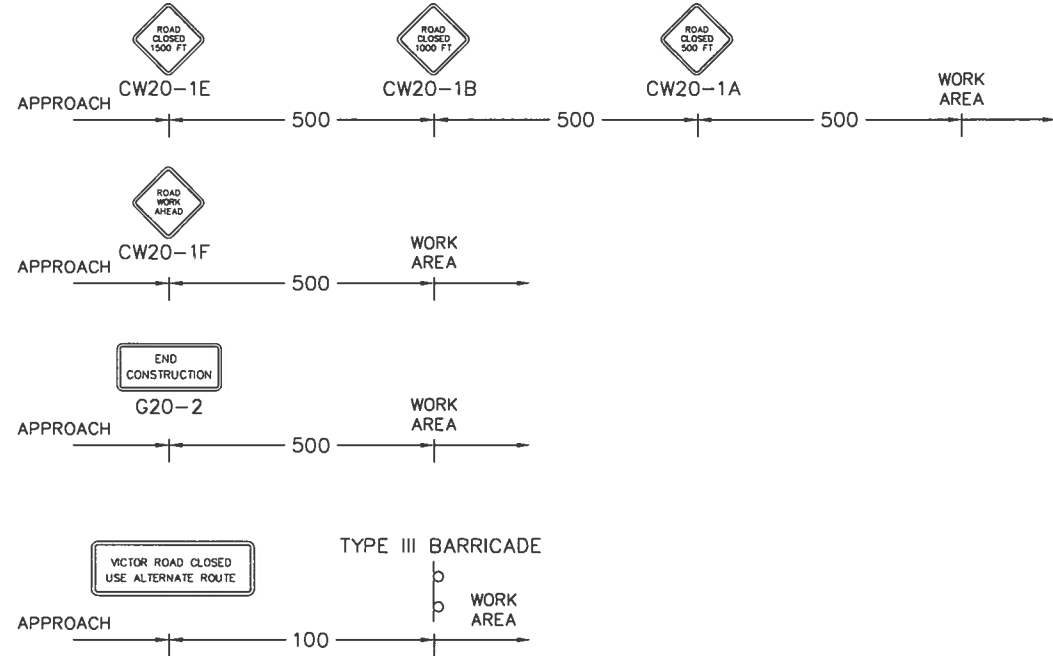


① = INTERSECTION APPROACH TO WORK AREA

② = SIDE STREET APPROACH

③ = END CONSTRUCTION

④ = PRIVATE DRIVE APPROACH



GENERAL NOTES

1. THE FOLLOWING NOTES APPLY TO SHEETS K1-K7 UNLESS OTHERWISE NOTED.
2. TEMPORARY TRAFFIC CONTROL MEASURES MAY BE REQUIRED FOR INTERMITTENT CONSTRUCTION OPERATIONS SUCH AS LANE CLOSURES OR SHOULDER WORK. ALL TRAFFIC CONTROL OPERATIONS SHALL BE SIGNED IN ACCORDANCE WITH THE MUTCD, ALASKA TRAFFIC MANUAL AND THE DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STANDARD HIGHWAY PLANS AND A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED FOR APPROVAL PRIOR TO IMPLEMENTATION.
3. ALL SIGNS SHOWN ON THIS PLAN SHALL BE CLASS "T" AS DESIGNATED IN THE ALASKA SIGN DESIGN SPECIFICATIONS.
4. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ALONG VICTOR ROAD. IN ADDITION, DIRECT ACCESS FROM VICTOR ROAD TO BUSINESSES, RESIDENCES AND SIDE STREETS AFFECTED BY CONSTRUCTION ACTIVITIES SHALL BE MAINTAINED AT ALL TIMES UNLESS APPROVED BY THE CONSTRUCTION ENGINEER.
5. ALL ADVANCE SIGNING SHALL BE SUPPLEMENTED WITH HIGH LEVEL 3 WARNING DEVICES.
6. ALL TRAFFIC CONTROL DEVICES, TAPER LENGTHS AND ACTIVITY AREAS SHALL BE BASED ON PART 6, TEMPORARY TRAFFIC CONTROL, OF THE 2009 MUTCD.

SHEET NO.	TOTAL SHEETS	
K1	K7	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

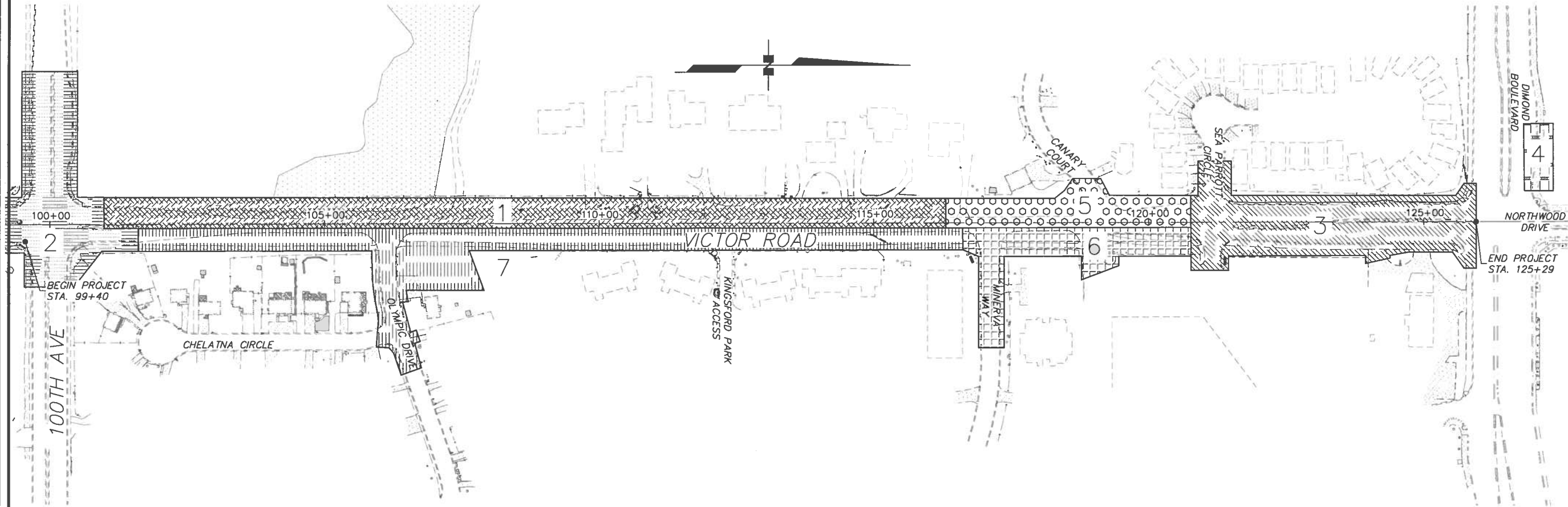
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE. TO DIMOND BLVD.

CONSTRUCTION PHASING PLAN
ADVANCE CONSTRUCTION
SIGNING

LOUNSBURY PROJECT NUMBER 09-046B
COMPUTER DESIGNATION T:_Project\2001\01-046_B-2009\ENC_DELIVER_Plan-Bldg-Check\K2_Plan_Construction-Phasing\K2Bldg-Check.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
PLOTTED BY Tom Correll
04.16.2011 12:18
DRAFTED BY

CERTIFICATION SET



- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4
- PHASE 5
- PHASE 6
- PHASE 7

SHEET NO.		TOTAL SHEETS	
K2		K7	
STATE		YEAR	
ALASKA		2011	
PROJECT DESIGNATION			
STP-0001(232)/55027			
ADDENDUM NO.			
ATTACHMENT NO.			
REVISIONS			
NO.	DATE	DESCRIPTION	

STATE OF ALASKA
49th
REGISTERED PROFESSIONAL ENGINEER
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE. TO DIMOND BLVD.
CONSTRUCTION PHASING PLAN
KEYMAP

PHASE 1

DO NOT DEMOLISH ANY ELEMENTS BEYOND THE PHASE 1 WORK ZONE WITHOUT PRIOR WRITTEN AUTHORIZATION BY THE ENGINEER.

INSTALL BMP'S PER SWPPP IN ADVANCE OF CONSTRUCTION ACTIVITIES. PREPARE ROW AREA EAST OF VICTOR ROAD AND NORTH OF OLYMPIC DRIVE FOR STORM WATER TREATMENT THROUGHOUT THE CONSTRUCTION PERIOD.

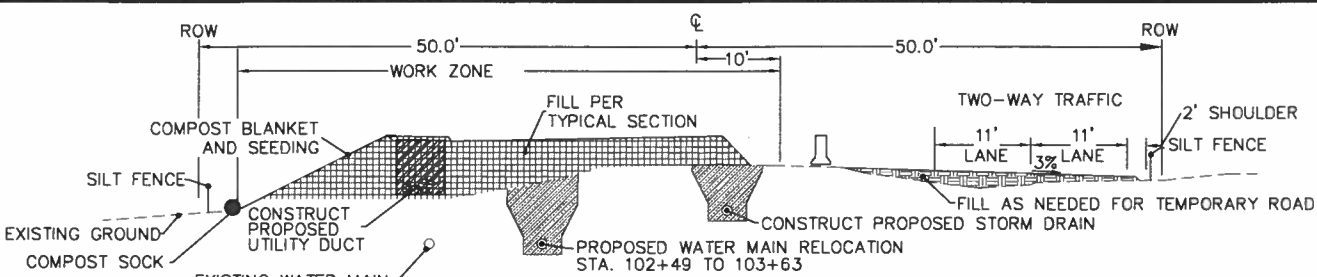
EXTEND DRAINAGE COLLECTION TO THE SOUTHEAST QUADRANT OF THE OLYMPIC DRIVE/VICTOR ROAD INTERSECTION TO CONVEY RUNOFF DURING CONSTRUCTION TO THE NORTHEAST QUADRANT.

EXTEND DRAINAGE COLLECTION TO THE PHASE 1 WORK AREA TO CONVEY RUNOFF DURING CONSTRUCTION TO THE TREATMENT FACILITIES IN THE NORTHEAST QUADRANT OF THE OLYMPIC DRIVE/VICTOR ROAD INTERSECTION.

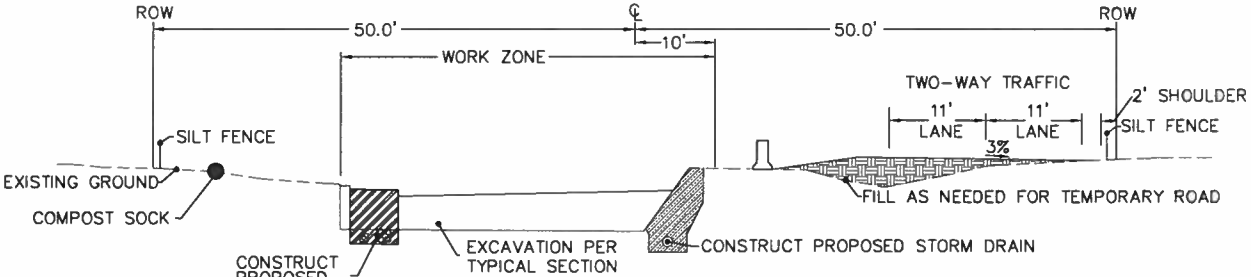
CONSTRUCT TEMPORARY TWO-LANE PAVED ROAD ADJACENT TO THE EAST RIGHT-OF-WAY LINE FROM STATION 102+40 TO STATION 115+00. TAPER TEMPORARY ROAD TO EXISTING PAVED ROAD FROM STATIONS 101+00 TO 102+40 AND FROM STATIONS 115+00 TO 116+40. TAPERS TO MEET 25 MPH STANDARDS. CONSTRUCT TEMPORARY ROAD ON TEMPORARY FILL. TEMPORARY CUTS WILL NOT BE ALLOWED BEYOND FINAL CUTS.

FROM OFFSET LEFT TO 10 FEET RIGHT OF CENTERLINE, CONSTRUCT IMPROVEMENTS FROM STATIONS 102+40 TO 115+00 IN ITS ENTIRETY UP TO THE BOTTOM LIFT OF PAVEMENT. INCLUDE ALL UTILITY AND ROADWAY IMPROVEMENTS AND FINAL SLOPES WITH PERMANENT STABILIZATION. SOME PHASE 1 WORK ITEMS ARE NOT SHOWN FOR CLARITY. REFER TO OTHER PLAN SHEETS FOR ADDITIONAL INFORMATION.

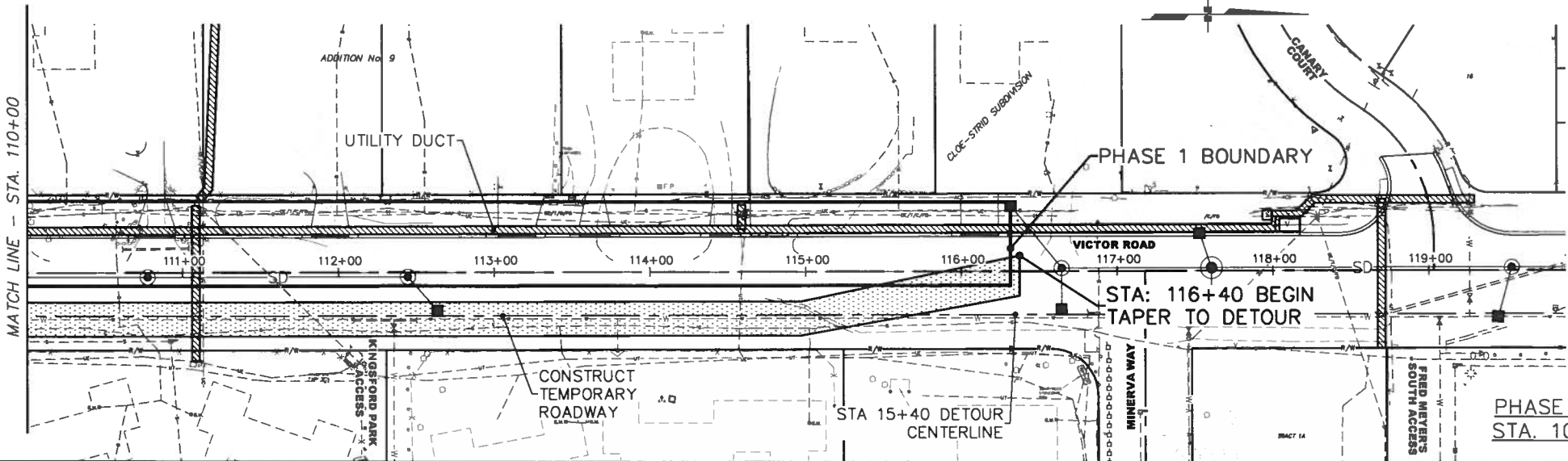
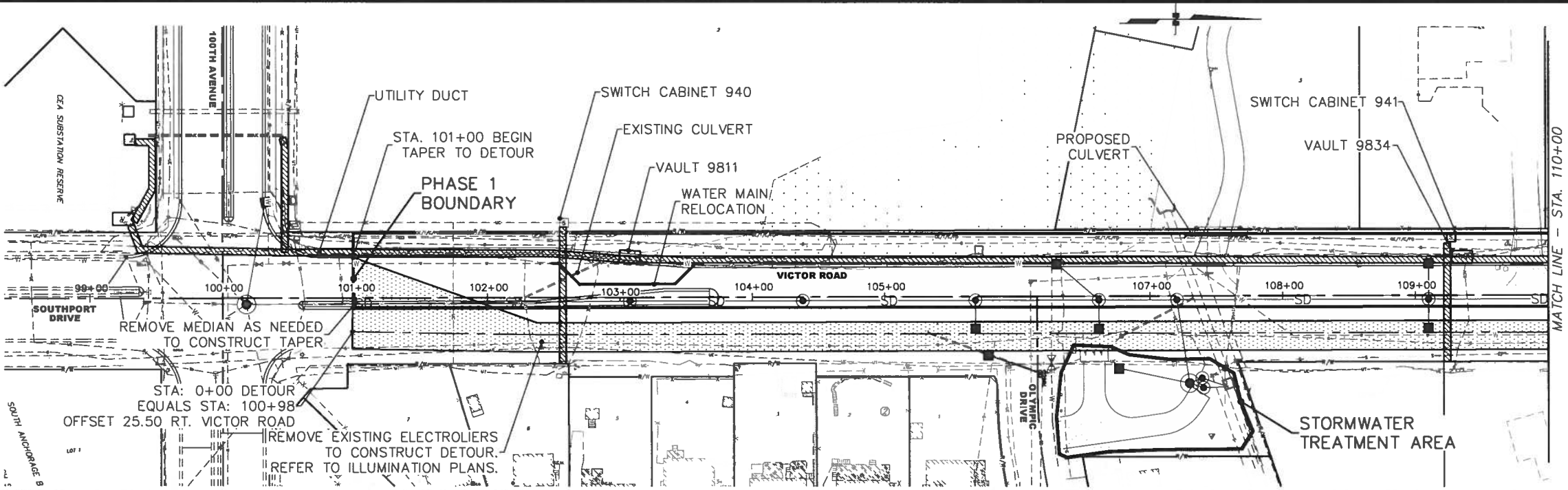
SEQUENCE WORK IN PHASE 1 SUCH THAT ALL WORK IN PHASE 2 (100TH AVENUE/VICTOR ROAD INTERSECTION) IS COMPLETED BY AUGUST 15TH.



PHASE 1 - FILL SECTION STA. 101+00 TO 109+00

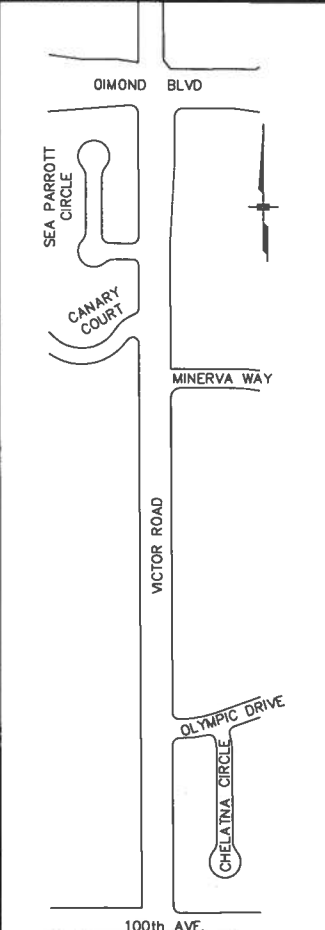


PHASE 1 - CUT SECTION STA. 109+00 TO 116+40



PHASE 1 - PLAN VIEWS
STA. 101+00 TO 116+60

SHEET NO.	TOTAL SHEETS	
K3	K7	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



FINAL PS&E

STATE OF ALASKA
49th
PROFESSIONAL ENGINEER

LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE. TO DIMOND BLVD.
CONSTRUCTION PHASING PLAN
PHASE 1

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DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
CHECKED BY PHILIP J. LOUNSBURY
DRAFTED BY TOM GARRETT
04.16.2011 11:31

CERTIFICATION SET

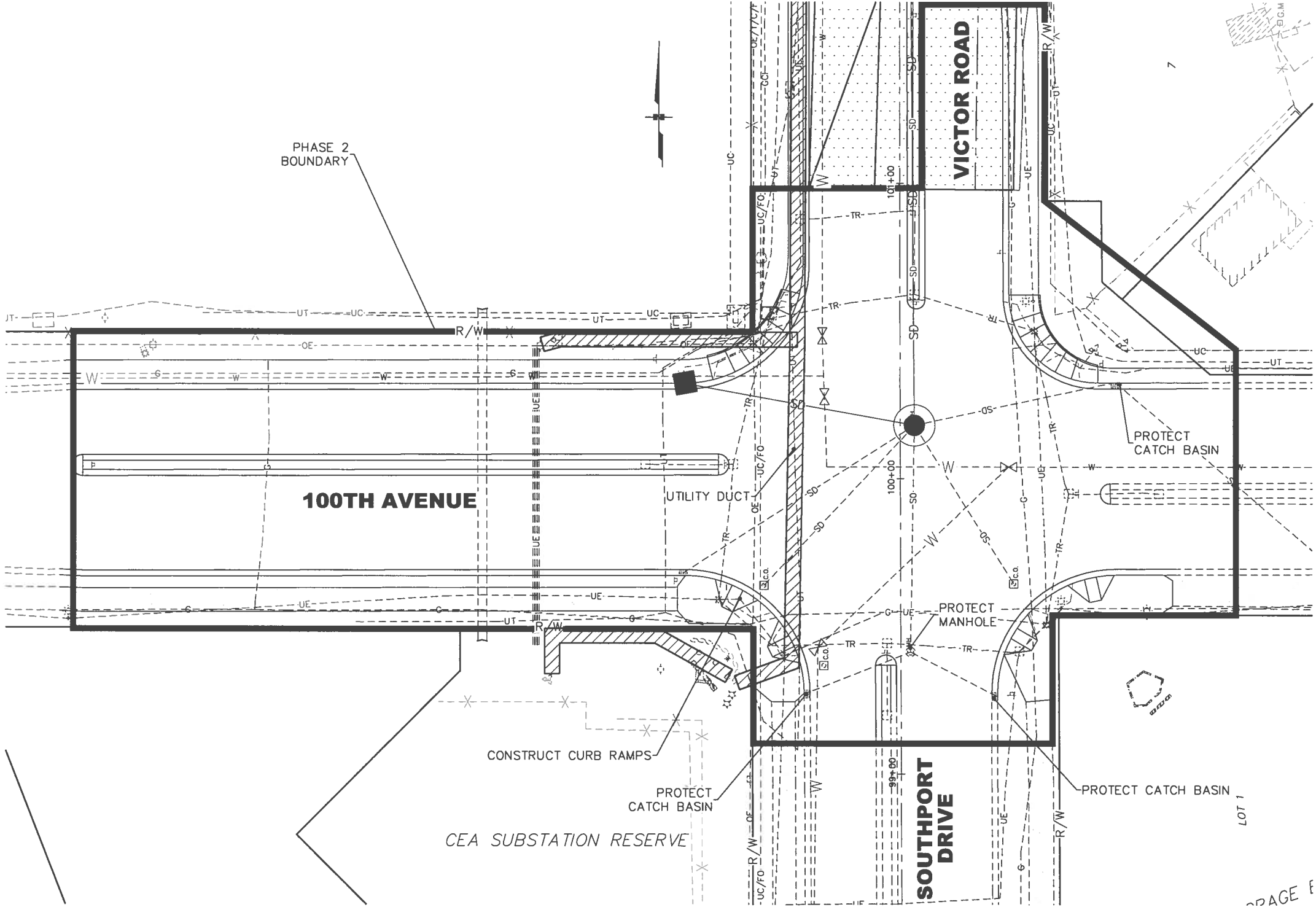
PHASE 2

DO NOT DEMOLISH ANY ELEMENTS BEYOND THE PHASE 2 WORK ZONE WITHOUT PRIOR WRITTEN AUTHORIZATION BY THE ENGINEER.

INSTALL BMP's PER SWPPP IN ADVANCE OF CONSTRUCTION ACTIVITIES.

CONSTRUCT 100TH AVENUE AND 100TH AVENUE/VICTOR ROAD INTERSECTION IMPROVEMENTS IN ITS ENTIRETY. INCLUDE ALL UTILITY AND ROADWAY IMPROVEMENTS AND FINAL SLOPES WITH PERMANENT STABILIZATION. SOME PHASE 2 WORK ITEMS ARE NOT SHOWN FOR CLARITY. REFER TO OTHER PLAN SHEETS FOR ADDITIONAL INFORMATION.

SEQUENCE WORK IN PHASES 1 AND 2 SUCH THAT ALL WORK IN PHASE 2 IS COMPLETE AND THE INTERSECTION IS FULLY OPERATIONAL PRIOR TO AUGUST 15, .



PHASE 2 - PLAN VIEW

SHEET NO.	TOTAL SHEETS	
K4	K7	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

LOUNSBURY & ASSOCIATES, INC.
 STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
 100TH AVE. TO DIMOND BLVD.
 CONSTRUCTION PHASING PLAN
 PHASE 2

LOUNSBURY PROJECT NUMBER 09-046B
COMPUTER DESIGNATION T: L:\Project\2001\01-046_B-2009\ENG_DELIVER_Plot-Check\K3-K6_Plot_Construction\PHASING\PH3-Check.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
DRAFTED BY 04.15.2011 2:42

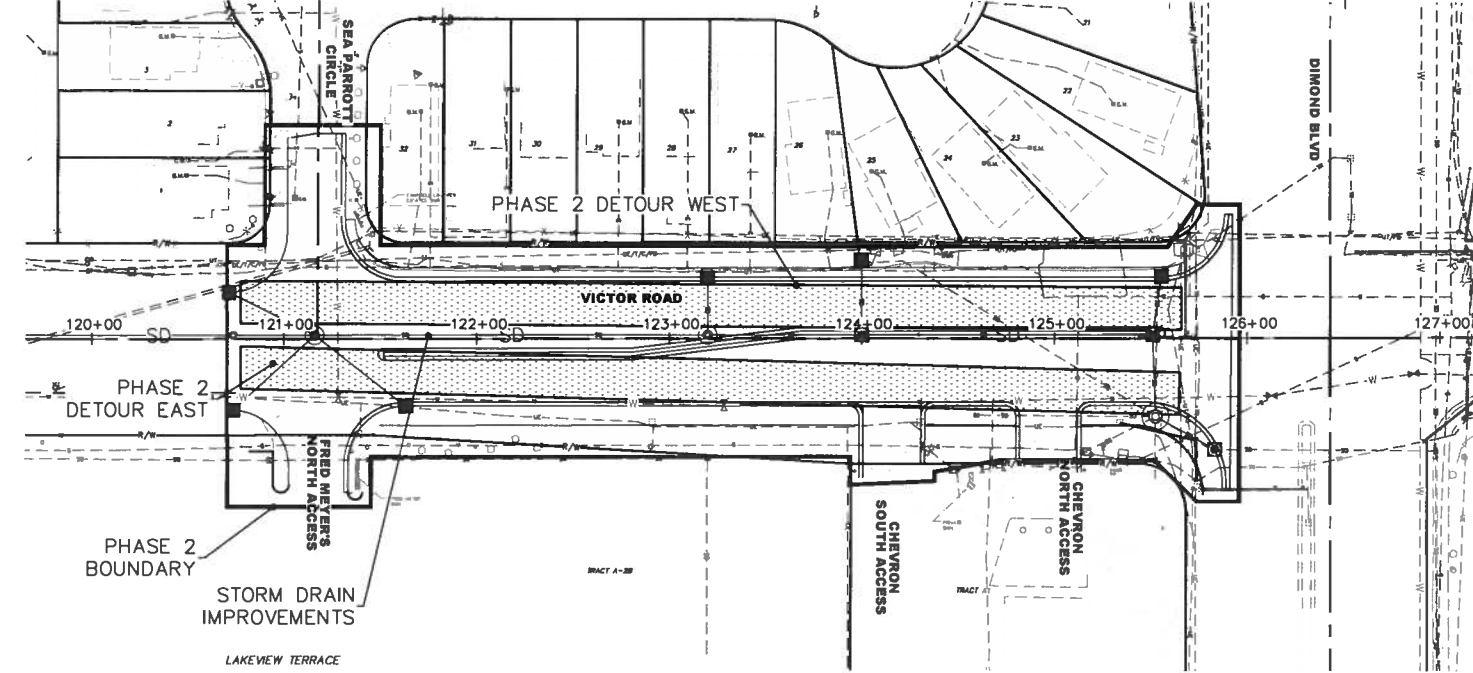
CERTIFICATION SET

PHASE 3
DO NOT DEMOLISH ANY ELEMENTS BEYOND THE PHASE 3 WORK ZONE WITHOUT PRIOR WRITTEN AUTHORIZATION BY THE ENGINEER.

INSTALL BMP's PER SWPPP IN ADVANCE OF CONSTRUCTION ACTIVITIES.

CONSTRUCT UTILITY AND ROADWAY IMPROVEMENTS BETWEEN STATION 120+70 TO 125+91 IN ITS ENTIRETY UP TO BOTTOM LIFT OF PAVEMENT. CONSTRUCT SEA PARROTT CIRCLE, FRED MEYER'S NORTH ACCESS, AND BOTH ACCESSES TO CHEVRON IN ITS ENTIRETY. INCLUDE ALL UTILITY AND ROADWAY IMPROVEMENTS AND FINAL SLOPES WITH PERMANENT STABILIZATION. SOME PHASE 3 WORK ITEMS ARE NOT SHOWN FOR CLARITY. REFER TO OTHER PLAN SHEETS FOR ADDITIONAL INFORMATION.

SEQUENCE WORK IN PHASE 3 SUCH THAT THE DIMOND BOULEVARD/VICTOR ROAD INTERSECTION IS FULLY OPERATIONAL BY AUGUST 15TH, INCLUDING ALL LANES FROM STATION 123+00 TO THE NORTH END OF THE PROJECT. FROM STATION 123+00 TO THE SOUTH, THE MINIMUM REQUIREMENT IS PAVED, UNIMPEDED, ACCESS ALONG VICTOR ROAD, COMPRISED OF AT LEAST ONE LANE IN EACH DIRECTION AND SERVING ALL DRIVEWAYS AND SIDE STREETS.

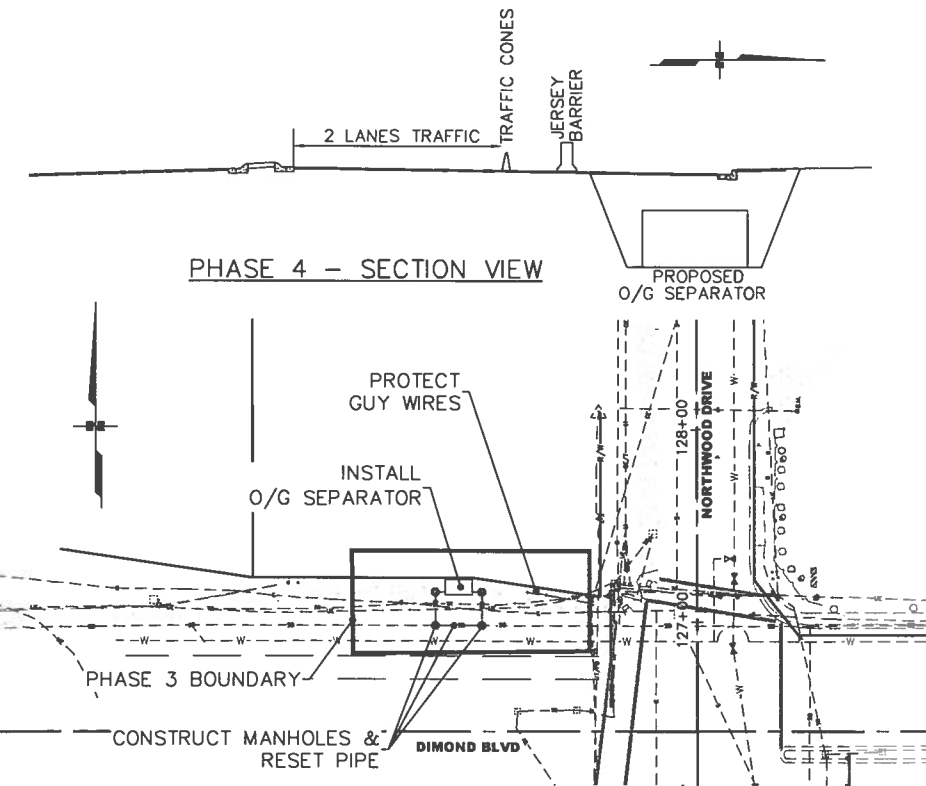


PHASE 3 - PLAN VIEW STA. 120+70 TO 125+91

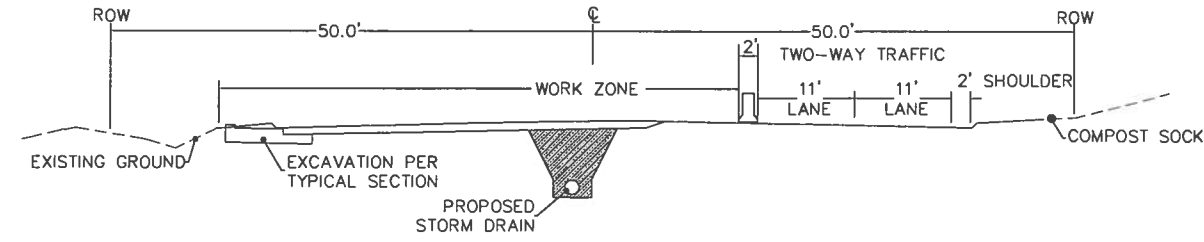
PHASE 4
THE SEQUENCING OF PHASE 4 IS INDEPENDENT TO OTHER CONSTRUCTION PHASES.

INSTALL BMP's PER SWPPP IN ADVANCE OF CONSTRUCTION ACTIVITIES.

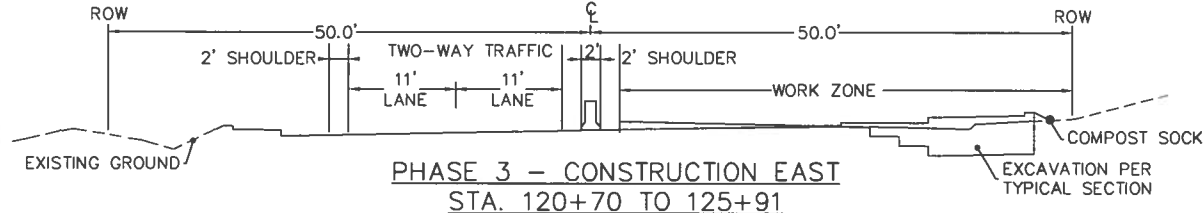
CONSTRUCT OIL AND GRIT SEPARATOR AND STORM DRAIN IMPROVEMENTS.



PHASE 4 - PLAN VIEW



PHASE 3 - CONSTRUCTION WEST
STA. 120+70 TO 125+91



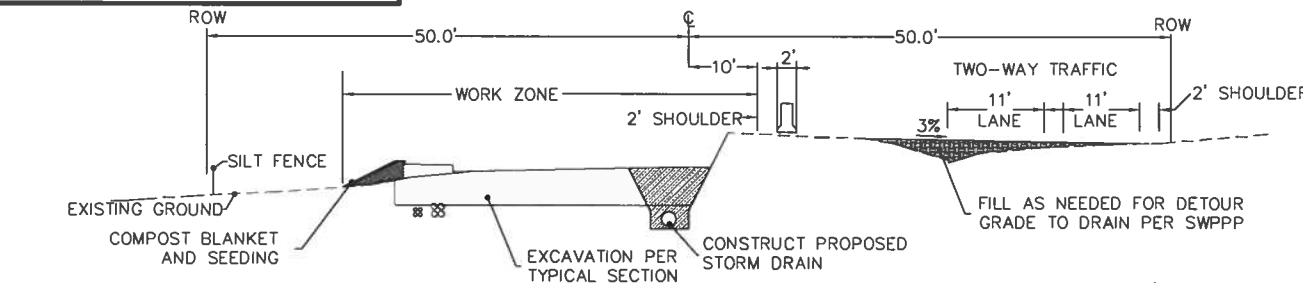
PHASE 3 - CONSTRUCTION EAST
STA. 120+70 TO 125+91

PHASE 5
DO NOT DEMOLISH ANY ELEMENTS BEYOND THE PHASE 5 WORK ZONE WITHOUT PRIOR WRITTEN AUTHORIZATION BY THE ENGINEER.

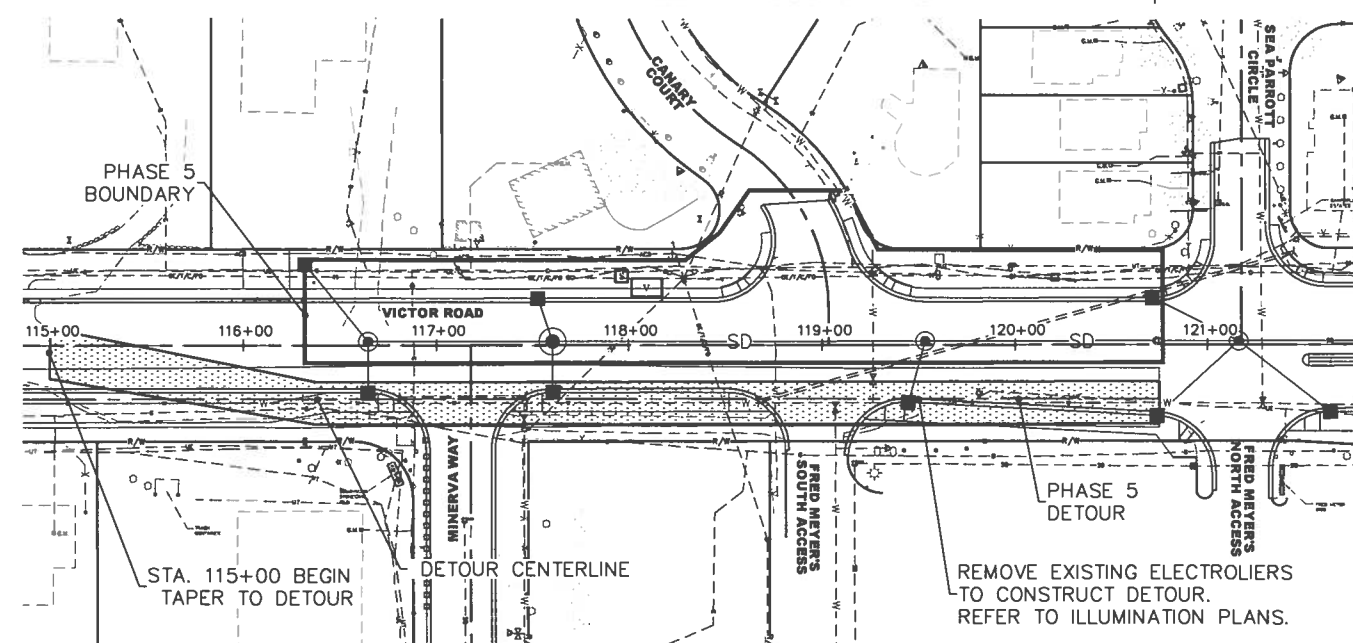
INSTALL BMP's PER SWPPP IN ADVANCE OF CONSTRUCTION ACTIVITIES.

CONSTRUCT TEMPORARY TWO-LANE PAVED ROAD ADJACENT TO THE EAST RIGHT-OF-WAY LINE FROM STATION 115+00 TO 119+30. TAPER TO PAVED ROAD FROM STATIONS 119+30 TO 120+70. TAPERS TO MEET 25 MPH STANDARDS. CONSTRUCT TEMPORARY ROAD ON TEMPORARY FILL. TEMPORARY CUTS WILL NOT BE ALLOWED BEYOND FINAL CUTS.

FROM OFFSET LEFT TO 10 FEET RIGHT OF CENTERLINE, CONSTRUCT IMPROVEMENTS FROM STATIONS 115+00 TO 120+70 AND CANARY COURT UP TO THE BOTTOM LIFT OF PAVEMENT. INCLUDE ALL UTILITY AND ROADWAY IMPROVEMENTS AND FINAL SLOPES WITH PERMANENT STABILIZATION. SOME PHASE 5 WORK ITEMS ARE NOT SHOWN FOR CLARITY. REFER TO OTHER PLAN SHEETS FOR ADDITIONAL INFORMATION.

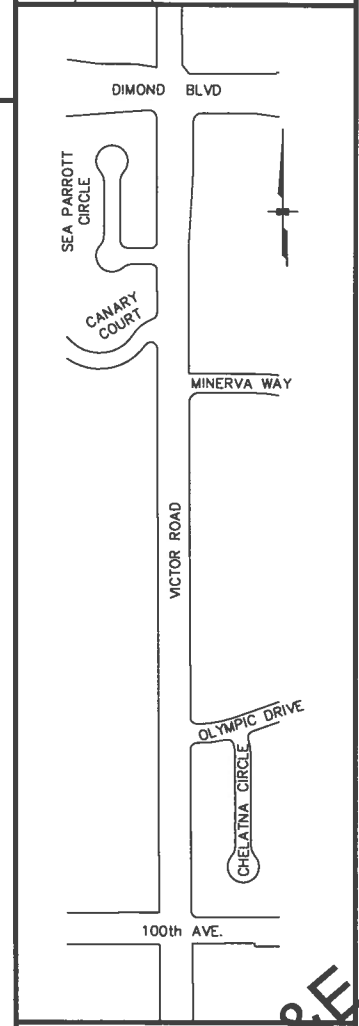


PHASE 5 - SECTION VIEW



PHASE 5 - PLAN VIEW STA. 116+40 TO 120+70

SHEET NO.		TOTAL SHEETS	
K5		K7	
STATE		YEAR	
ALASKA		2011	
PROJECT DESIGNATION			
STP-0001(232)/55027			
ADDENDUM NO.			
ATTACHMENT NO.			
REVISIONS			
NO.	DATE	DESCRIPTION	



LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE. TO DIMOND BLVD.

CONSTRUCTION PHASING PLAN
PHASES 3, 4, & 5

LOUNSBURY PROJECT NUMBER 09-0488
T. L. Project 2001\01-048-B-2009 ENG DELIVER Plot-Bld-Check V3-K6_Plot-Construction-Check.dwg
COMPUTER DESIGNATION
PLOTTED BY Tom Garrett
04.15.2011 2:47

CERTIFICATION SET

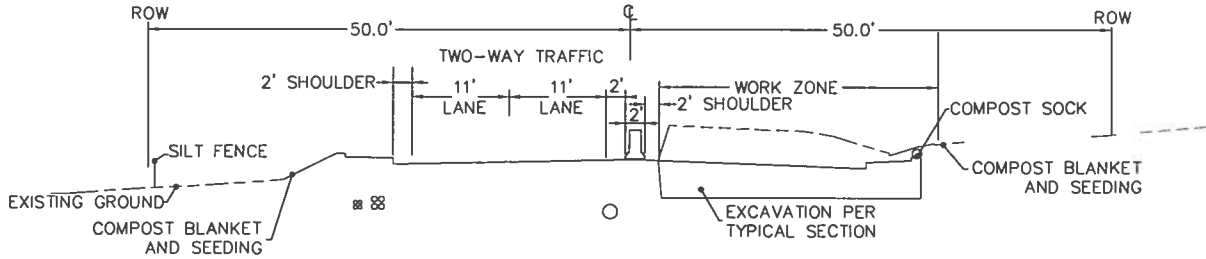
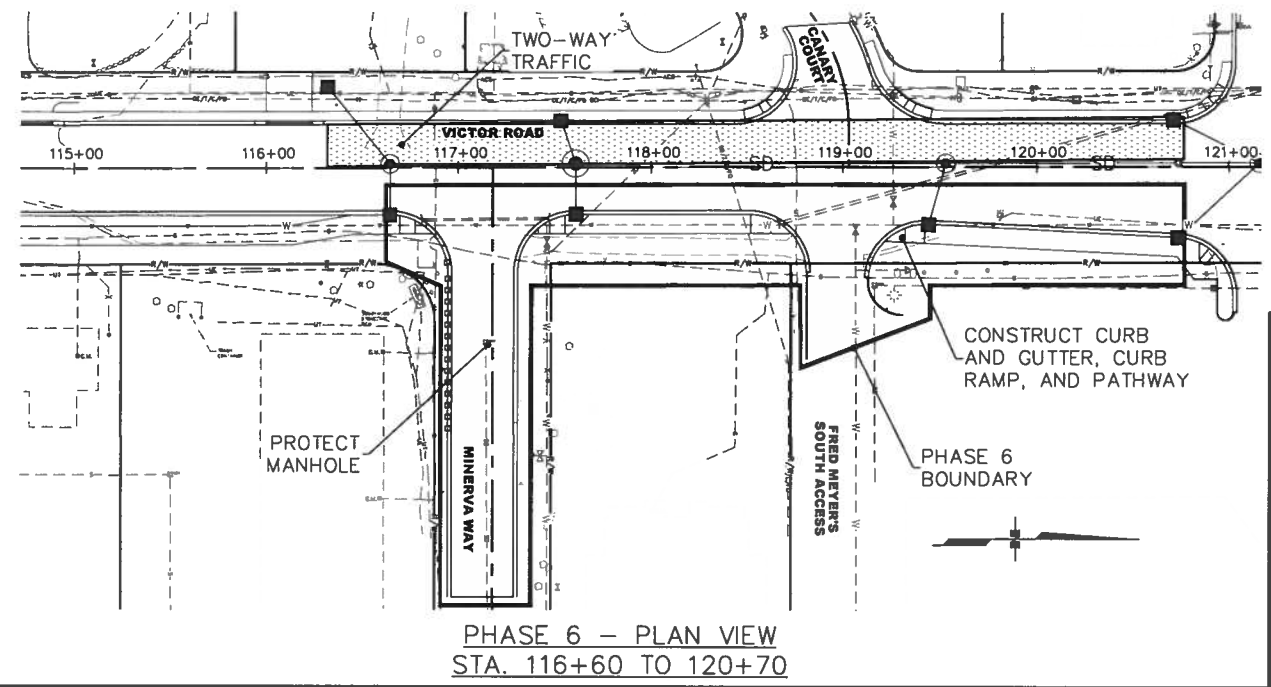
PHASE 6

DO NOT DEMOLISH ANY ELEMENTS BEYOND THE PHASE 6 WORK ZONE WITHOUT PRIOR WRITTEN AUTHORIZATION BY THE ENGINEER.

INSTALL BMP's PER SWPPP IN ADVANCE OF CONSTRUCTION ACTIVITIES.

SHIFT TRAFFIC TO THE WEST SIDE TO PHASE 5 WORK AREA.

CONSTRUCT THE EAST SIDE OF VICTOR ROAD FROM STATION 116+60 TO STATION 120+70 INCLUDING MINERVA WAY AND FRED MEYER'S SOUTH ACCESS. INCLUDE ALL UTILITY AND ROADWAY IMPROVEMENTS AND FINAL SLOPES WITH PERMANENT STABILIZATION. SOME PHASE 6 WORK ITEMS ARE NOT SHOWN FOR CLARITY. REFER TO OTHER PLAN SHEETS FOR ADDITIONAL INFORMATION.

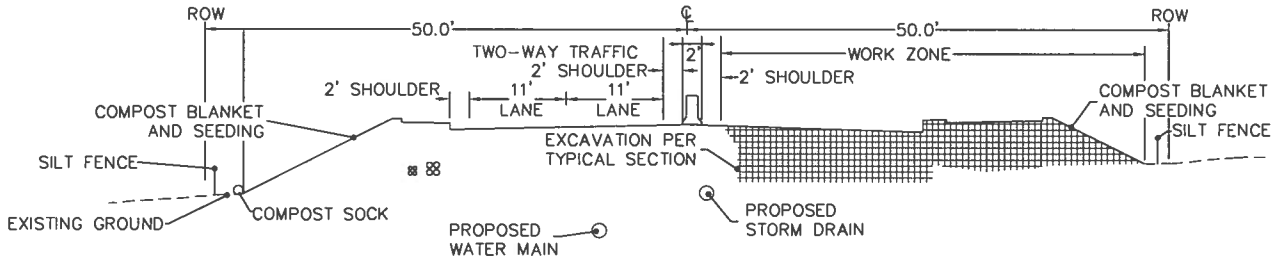
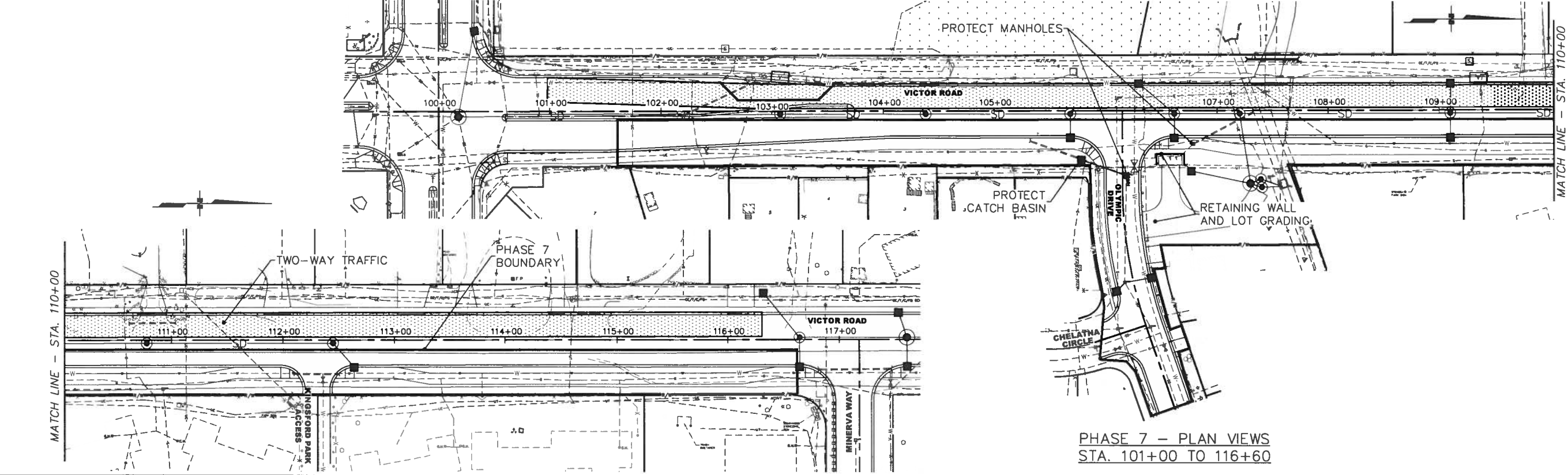


PHASE 7

INSTALL BMP's PER SWPPP IN ADVANCE OF CONSTRUCTION ACTIVITIES.

SHIFT TRAFFIC TO THE WEST SIDE TO PHASE 1 WORK AREA.

CONSTRUCT THE EAST SIDE OF VICTOR ROAD FROM 100TH TO STATION 116+60 INCLUDING OLYMPIC DRIVE, KINGSFORD PARK ACCESS, AND LOT GRADING. INCLUDE ALL UTILITY AND ROADWAY IMPROVEMENTS AND FINAL SLOPES WITH PERMANENT STABILIZATION. SOME PHASE 7 WORK ITEMS ARE NOT SHOWN FOR CLARITY. REFER TO OTHER PLAN SHEETS FOR ADDITIONAL INFORMATION.



SHEET NO.	TOTAL SHEETS	
K6	K7	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

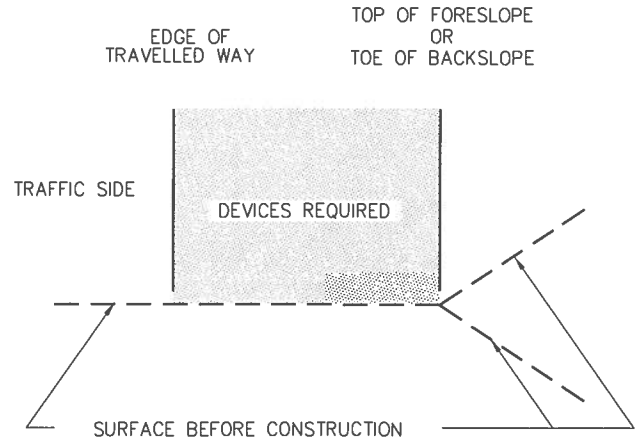
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LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

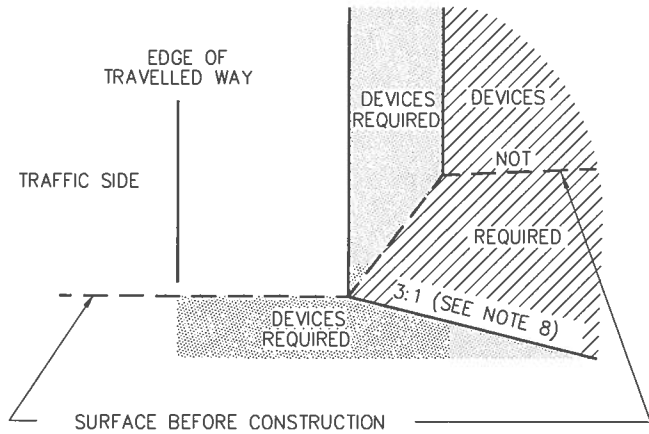
VICTOR ROAD RECONSTRUCTION
100TH AVE. TO DIMOND BLVD.
CONSTRUCTION PHASING PLAN
PHASES 6 & 7

LOUNSBURY PROJECT NUMBER 09-046
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DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
CHECKED BY T. CORRETT
DATE 04.16.2011 1:01
PLOTTED BY Tom Corrett

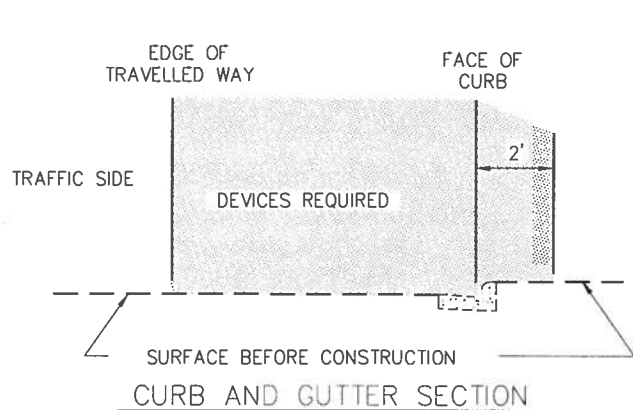
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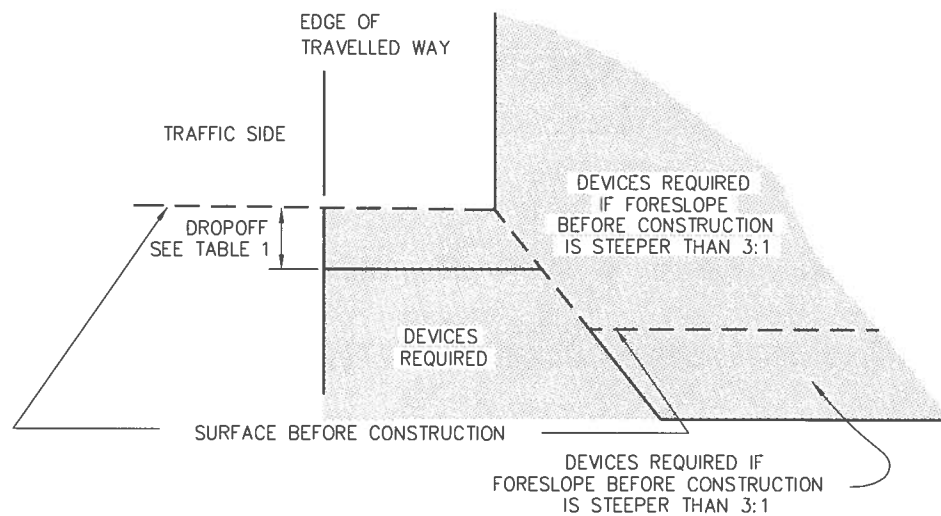
EMBANKMENT SECTION



BACKSLOPE SECTION



CURB AND GUTTER SECTION



FORESLOPE SECTION

LEGEND

- WORK AREA WHERE TRAFFIC CONTROL DEVICES ARE REQUIRED
- WORK AREA WHERE TRAFFIC CONTROL DEVICES ARE NOT REQUIRED
- SURFACE BEFORE CONSTRUCTION
- CONSTRUCTION AREA BOUNDARY

TABLE 1 * TRAFFIC CONTROL DEVICES REQUIRED FOR DROPOFFS ADJACENT TO TRAVELLED WAY			
ROADWAY TYPE	DROPOFF ≤ 2"	2" < DROPOFF < 12"	DROPOFF ≥ 12"
AVERAGE DAILY TRAFFIC > 4000 OR SPEED > 40 MPH	TUBULAR CANDLES OR DELINEATORS	TYPE II BARRICADES OR DRUMS	TEMPORARY PORTABLE CONCRETE BARRIER OR TEMPORARY GUARDRAIL
ALL OTHER ROADWAYS	NONE REQUIRED	TYPE II BARRICADES OR DRUMS	TYPE II BARRICADES OR DRUMS

* SPACE THE DEVICES IN ACCORDANCE WITH REQUIREMENTS FOR SPACING TYPE II BARRICADES AND DRUMS SET FORTH IN THE ALASKA TRAFFIC MANUAL.

GENERAL NOTES:

1. TRAFFIC CONTROL DEVICES REQUIRED BY THE GUIDELINES ON THIS SHEET ARE INTENDED FOR CONDITIONS WHICH WILL BE IN PLACE LONGER THAN ONE CONTINUOUS WORK SHIFT. AN APPROVED TRAFFIC CONTROL PLAN IS REQUIRED PRIOR TO BEGINNING WORK.
2. THE GROUND CROSS SECTION AT A LOCATION BEFORE CONSTRUCTION DETERMINES WHETHER TRAFFIC CONTROL DEVICES ARE NEEDED AT THE SAME LOCATION DURING CONSTRUCTION.
3. GUARDRAIL EXISTING AT A LOCATION BEFORE CONSTRUCTION SHALL REMAIN IN PLACE DURING CONSTRUCTION OR APPROVED ALTERNATE DEVICES INSTALLED.
4. INSTALL TRAFFIC CONTROL DEVICES BETWEEN THE EDGE OF TRAVELLED WAY AND THE WORK AREA ON ANY ROADWAY OPENED TO TRAFFIC WHEN REQUIRED BY THIS DRAWING.
5. EXISTING ROADWAY ALIGNMENTS INSTALL TRAFFIC CONTROL DEVICES WHEN WORK OCCURS IN THE DEVICES REQUIRED AREAS SHOWN ON THIS DRAWING.
6. DETOURS, TEMPORARY ROADWAYS, OR NEW ROADWAYS NOT YET COMPLETE INSTALL TRAFFIC CONTROL DEVICES WHEN ANY OF THE FOLLOWING CONDITIONS EXIST: A. THE HORIZONTAL OR VERTICAL CURVATURE IS MORE SEVERE THAN BEFORE CONSTRUCTION BEGAN. B. THE ROADWAY OR SHOULDER WIDTH IS LESS THAN BEFORE CONSTRUCTION BEGAN. C. THE BACKSLOPE OR FORESLOPE IS STEEPER THAN BEFORE CONSTRUCTION BEGAN. D. THE HEIGHT OF THE FORESLOPE IS GREATER THAN BEFORE CONSTRUCTION BEGAN.
7. DROPOFFS: INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE FORESLOPE SECTION DETAIL AND TABLE 1.
8. ON ANY NEWLY CONSTRUCTED SLOPE STEEPER THAN 4:1 TO 3:1 PROVIDE A TEN FOOT FLAT RECOVERY AREA AT THE TOE OF SLOPE OR INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE FORESLOPE SECTION DETAIL.
9. TRAFFIC CONTROL DEVICE REQUIREMENTS:
 - A. ON ROADWAYS WITH A SPEED LIMIT GREATER THAN 40 MILES PER HOUR OR AVERAGE DAILY TRAFFIC VOLUME GREATER THAN 4000 VEHICLES PER DAY INSTALL TEMPORARY PORTABLE CONCRETE BARRIER, TEMPORARY GUARDRAIL OR ON MULTI-LANE ROADWAYS CLOSE THE LANE CLOSEST TO THE WORK AREA AND INSTALL DRUMS SPACED IN ACCORDANCE WITH THE ALASKA TRAFFIC MANUAL. TERMINATE RUNS OF TEMPORARY PORTABLE CONCRETE BARRIER USING ONE OF THE FOLLOWING THREE METHODS:
 - I.) TEMPORARY CRASH ATTENUATOR.
 - II.) RIGID TO SEMI-RIGID GUARDRAIL TRANSITION WITH SLOTTED RAIL TERMINAL OR OTHER APPROVED CRASHWORTHY END TREATMENT.
 - III.) FLARE THE ENDS OF THE TEMPORARY BARRIER AWAY FROM THE ROADWAY AT A RATE OF 15:1 ON A TRANSVERSE SLOPE OF 10:1 OR FLATTER TO THE OUTSIDE EDGE OF THE CLEAR ZONE AND INSTALL A SLOPING END TREATMENT, PER STANDARD DRAWING G-45.01.
 - B. ON ALL OTHER ROADWAYS INSTALL TYPE II BARRICADES, DRUMS OR DELINEATORS WHEN DEVICES ARE REQUIRED. SPACE THE DEVICES IN ACCORDANCE WITH THE REQUIREMENTS FOR SPACING TYPE II BARRICADES AND DRUMS SET FORTH IN THE ALASKA TRAFFIC MANUAL.

SHEET NO.	TOTAL SHEETS	
K7	K7	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

100th AVE.

VICTOR ROAD

CHELATINA CIRCLE

OLYMPIC DRIVE

MINERVA WAY

CANARY COURT

SEA PARROTT CIRCLE

DIMOND BLVD.

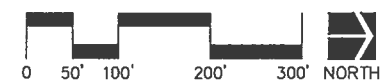
STATE OF ALASKA
49th
REGISTERED PROFESSIONAL ENGINEER

LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE. TO DIMOND BLVD.

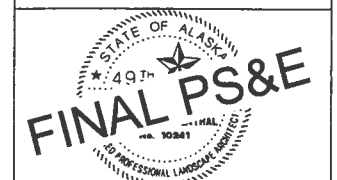
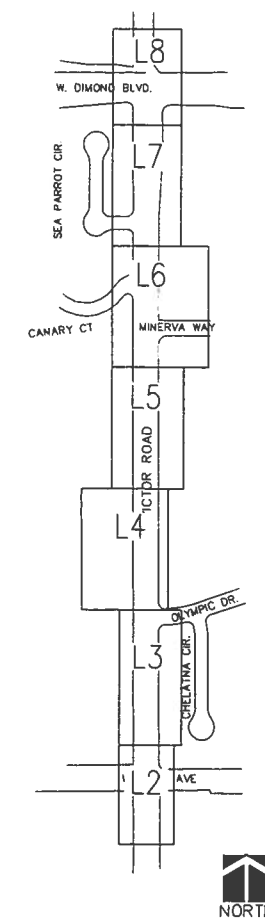
CONSTRUCTION PHASING PLAN
DEVICES FOR ROADSIDES



QTY	SYMBOL	LABEL	LATIN NAME	COMMON NAME	SIZE	FURNISHED	NOTES
DECIDUOUS TREES							
16		BP	BETULA PAPYRIFERA	PAPER BIRCH	2" CAL.	B&B	SINGLE STEM
SHRUBS							
15		RAL	RIBES ALPINUM	ALPINE CURRANT	24" HT.	POTTED	
32		CL	COTONEASTER LUCIDUS	HEDGE COTONEASTER	24" HT.	POTTED	
MISCELLANEOUS							
	2" COMPOST & SCHEDULE-A SEED MIX				8" DEPTH ROCK MULCH	EXISTING VEGETATION TO REMAIN	
	2" COMPOST & SCHEDULE-B SEED MIX (NO MOW MIX)				COLORLED CONCRETE		
	2" COMPOST & SCHEDULE-C SEED MIX (NO MOW MIX)				SIGHT LINE		

L1 - SHEET INDEX
L2 - LANDSCAPE PLAN
L3 - LANDSCAPE PLAN
L4 - LANDSCAPE PLAN
L5 - LANDSCAPE PLAN
L6 - LANDSCAPE PLAN
L7 - LANDSCAPE PLAN
L8 - LANDSCAPE PLAN
L9 - LANDSCAPE DETAILS

- LANDSCAPE NOTES:
1. ALL PLANTS ARE NURSERY GROWN UNLESS SPECIFIED OTHERWISE.
 2. ALL PLANTING BEDS SHALL RECEIVE 18" TOPSOIL AND 3" DEPTH SHREDDED BARK MULCH UNLESS OTHERWISE NOTED.
 3. REFER TO SHEET L9 FOR PLANTING DETAILS.
 4. PROVIDE 2" DEPTH COMPOST AND SEED TO ALL DISTURBED AREAS WITH SCHEDULE NOTED ON PLANS.



Drawing Prepared By:
LAND DESIGN NORTH/USKH, INC.

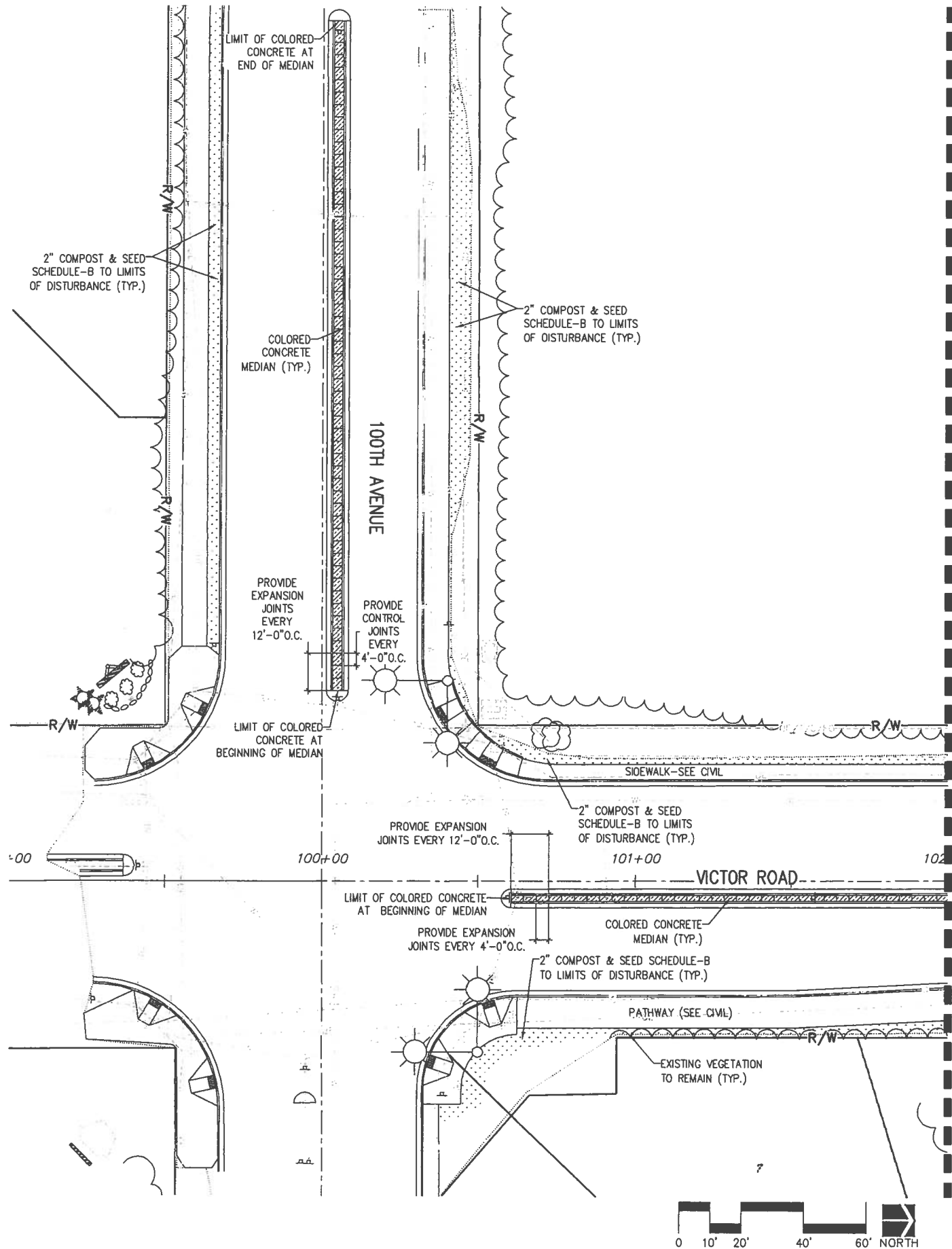
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD IMPROVEMENTS
LANDSCAPE PLAN

SHEET INDEX
LANDSCAPE PLAN
STA. 98+82 TO 125+91

LOUNSBURY PROJECT NUMBER: 01.04.2011.236
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: JEFFREY A. VICKS
DRAFTED BY: JEFFREY A. VICKS

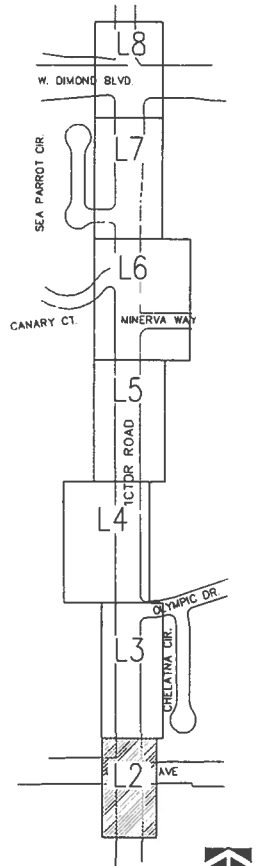
CERTIFICATION SET JANUARY 2011



MATCHLINE STA. 102+00 (SEE SHEET L3)

PLANTING LEGEND		
SYMBOL	LABEL LATIN NAME	COMMON NAME
DECIDUOUS TREES		
	BP BETULA Papyrifera	PAPER BIRCH
SHRUBS		
	RAL RIBES ALPINUM	ALPINE CURRANT
	CL COTONEASTER LUCIDUS	HEDGE COTONEASTER
MISCELLANEOUS		
	2" COMPOST & SCHEDULE-A SEED MIX	
	2" COMPOST & SCHEDULE-B SEED MIX (NO MOW MIX)	
	2" COMPOST & SCHEDULE-C SEED MIX (NO MOW MIX)	
	8" DEPTH ROCK MULCH	
	COLORED CONCRETE	
	SIGHT LINE	
	EXISTING VEGETATION TO REMAIN	

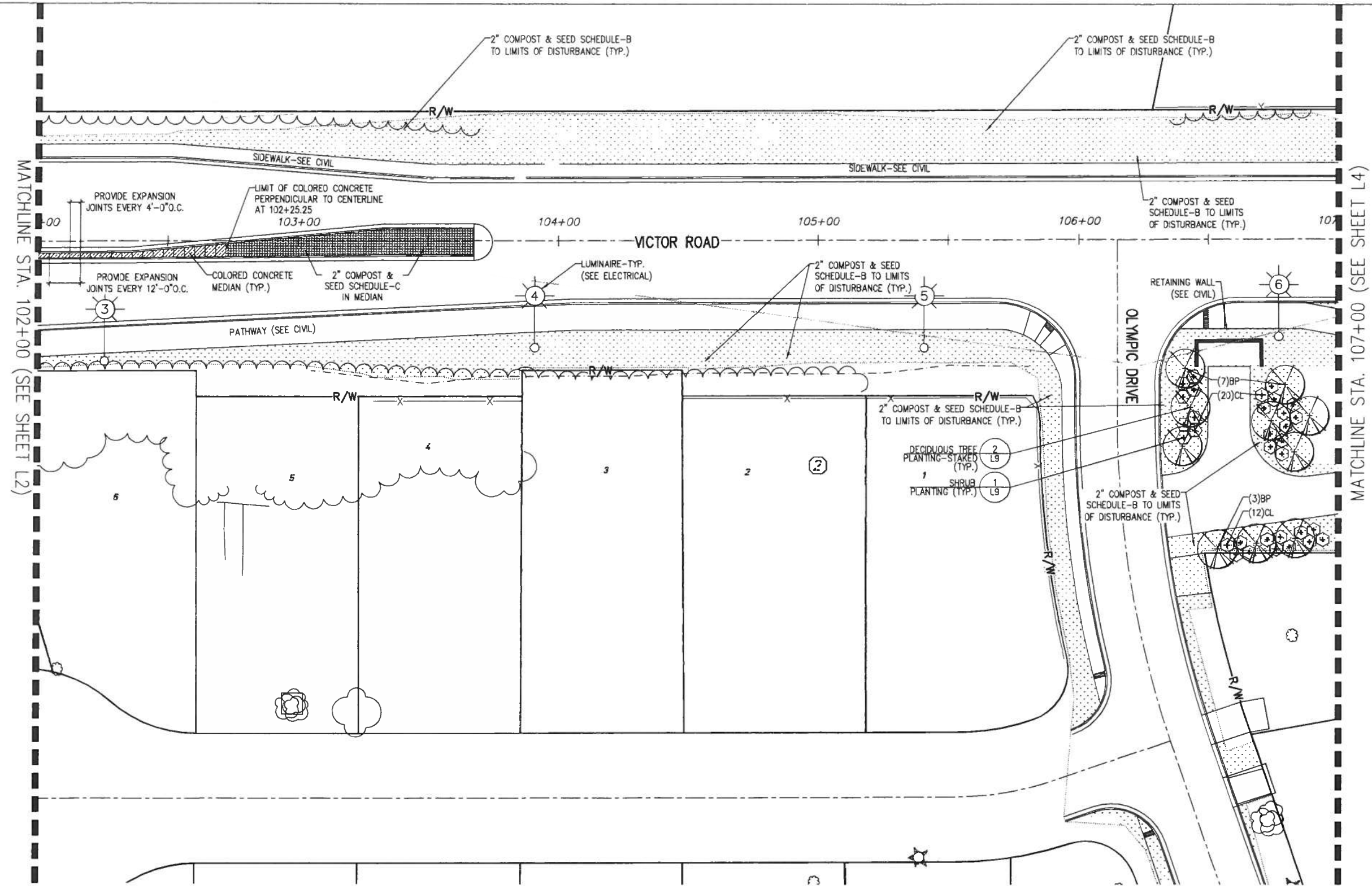
L2	L9	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



STATE OF ALASKA
49th
1959
FINAL PS&E
Drawing Prepared By:
LAND DESIGN NORTHUSK, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD IMPROVEMENTS
LANDSCAPE PLAN
LANDSCAPE
PLAN
STA. 98+82 TO 102+00

LOUNSBURY PROJECT NUMBER: 11/10/2010 Victor Road/Chelatina Way
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: J. PETRUS
DATE: 01/04/2011 12:38
PLOTTED BY: J. PETRUS

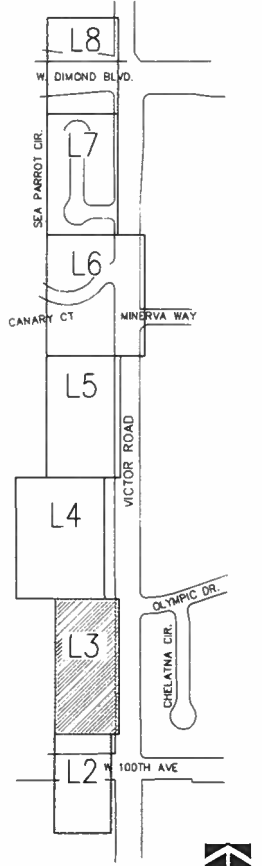
CERTIFICATION SET JANUARY 2011



PLANTING LEGEND		
SYMBOL	LABEL LATIN NAME	COMMON NAME
DECIDUOUS TREES		
BP	BETULA PAPERIFERA	PAPER BIRCH
SHRUBS		
RAL	RIBES ALPINUM	ALPINE CURRANT
CL	COTONEASTER LUCIDUS	HEDGE COTONEASTER

MISCELLANEOUS			
	2" COMPOST & SCHEDULE-A SEED MIX		8" DEPTH ROCK MULCH
	2" COMPOST & SCHEDULE-B SEED MIX (NO MOW MIX)		COLORLED CONCRETE
	2" COMPOST & SCHEDULE-C SEED MIX (NO MOW MIX)		SIGHT LINE
		 EXISTING VEGETATION TO REMAIN	

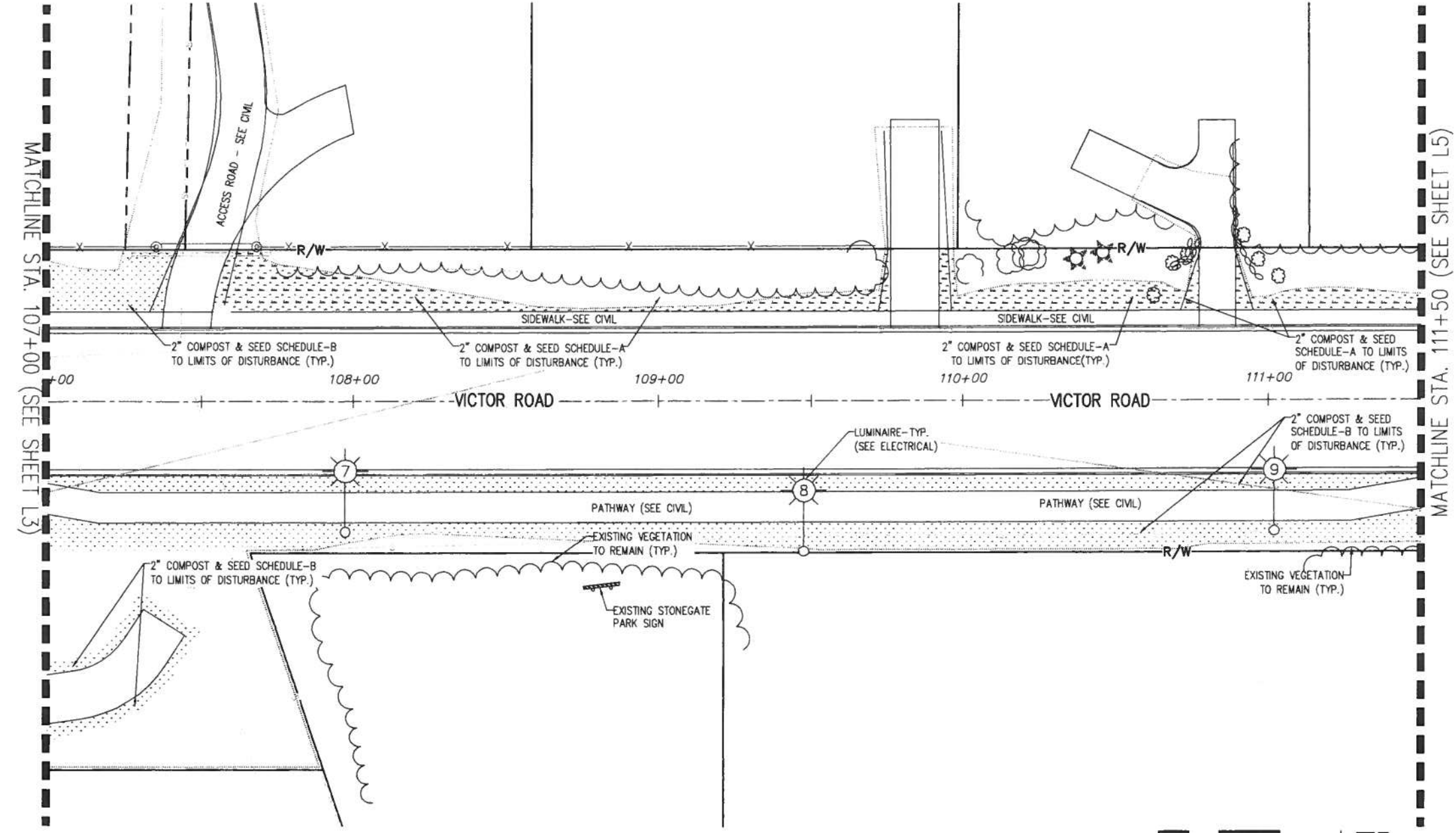
L3	L9	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



STATE OF ALASKA
49th
102nd
FINAL PS&E
Drawing Prepared By:
LAND DESIGN NORTHAUSKH, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD IMPROVEMENTS
LANDSCAPE PLAN
LANDSCAPE
PLAN
STA. 102+00 TO 107+00

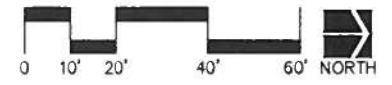
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: J. LUTYNSKA
DRAFTED BY: J. LUTYNSKA
PROJECT NUMBER: J. LUTYNSKA
COMPUTER DESIGNATION: J. LUTYNSKA
CITY: J. LUTYNSKA

CERTIFICATION SET JANUARY 2011

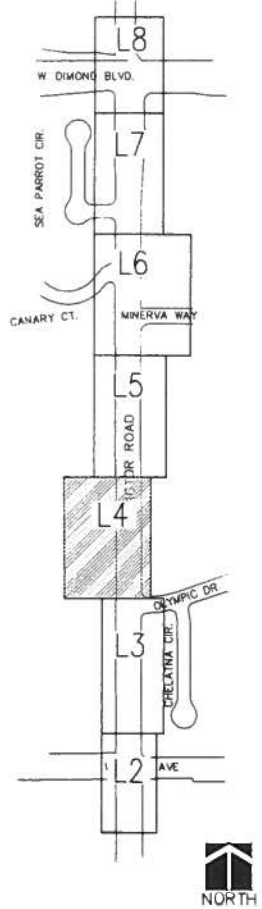


PLANTING LEGEND		
SYMBOL	LABEL	COMMON NAME
DECIDUOUS TREES		
	BP BETULA Papyrifera	PAPER BIRCH
SHRUBS		
	RAL RIBES ALPINUM	ALPINE CURRANT
	CL COTONEASTER LUCIDUS	HEDGE COTONEASTER

MISCELLANEOUS			
	2" COMPOST & SCHEDULE-A SEED MIX		8" DEPTH ROCK MULCH
	2" COMPOST & SCHEDULE-B SEED MIX (NO MOW MIX)		COLORLED CONCRETE
	2" COMPOST & SCHEDULE-C SEED MIX (NO MOW MIX)		SIGHT LINE
			EXISTING VEGETATION TO REMAIN



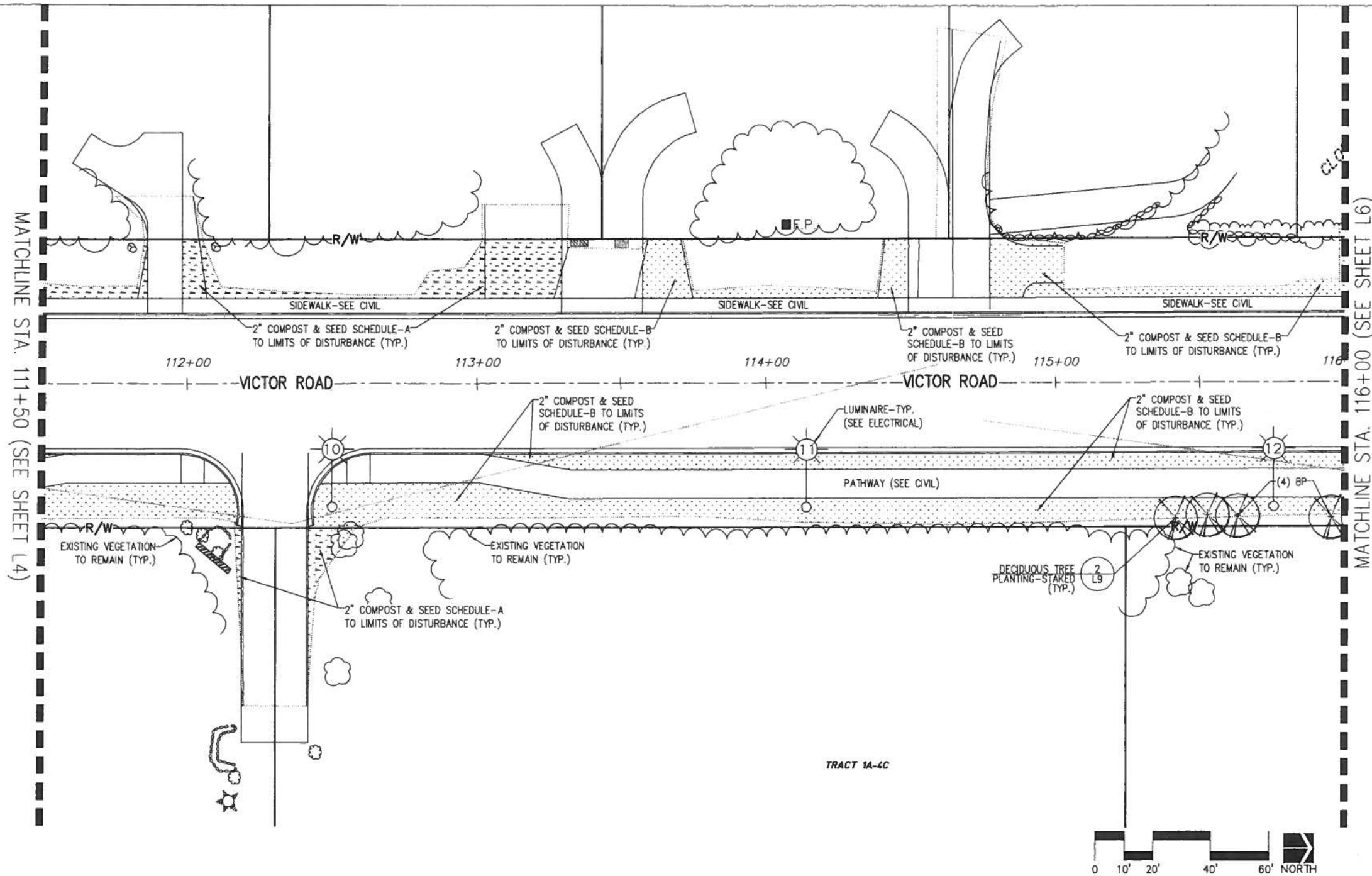
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STATE		YEAR	
ALASKA		2011	
PROJECT DESIGNATION			
STP-0001(232)/55027			
ADDENDUM NO.			
ATTACHMENT NO.			
REVISIONS			
NO.	DATE	DESCRIPTION	



STATE OF ALASKA
49th
FINAL PS&E
Drawing Prepared By:
LAND DESIGN NORTHUSKH, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD IMPROVEMENTS
LANDSCAPE PLAN
LANDSCAPE
PLAN
STA. 107+00 TO 111+50

COUNSBURY PROJECT NUMBER: 2010044 Victor Road/Chilukin Hwy Jct
DESIGNED BY: COUNSBURY & ASSOCIATES, INC.
CHECKED BY: J. LUTCH
DATE: 01/04/2011 2:58
DRAFTED BY: Z. PETRUS
EXPORTED BY: Z. PETRUS

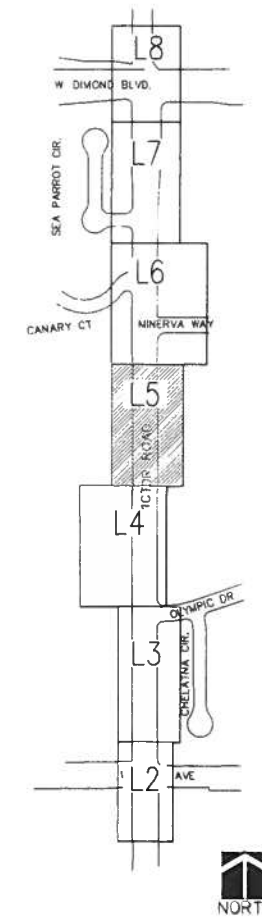
CERTIFICATION SET JANUARY 2011



PLANTING LEGEND		
SYMBOL	LABEL	COMMON NAME
DECIDUOUS TREES		
	BP BETULA Papyrifera	PAPER BIRCH
SHRUBS		
	RAL RIBES ALPINUM	ALPINE CURRANT
	CL COTONEASTER LUCIDUS	HEDGE COTONEASTER

MISCELLANEOUS			
	2" COMPOST & SCHEDULE-A SEED MIX		8" DEPTH ROCK MULCH
	2" COMPOST & SCHEDULE-B SEED MIX (NO MOW MIX)		COLORLED CONCRETE
	2" COMPOST & SCHEDULE-C SEED MIX (NO MOW MIX)		SIGHT LINE
			EXISTING VEGETATION TO REMAIN

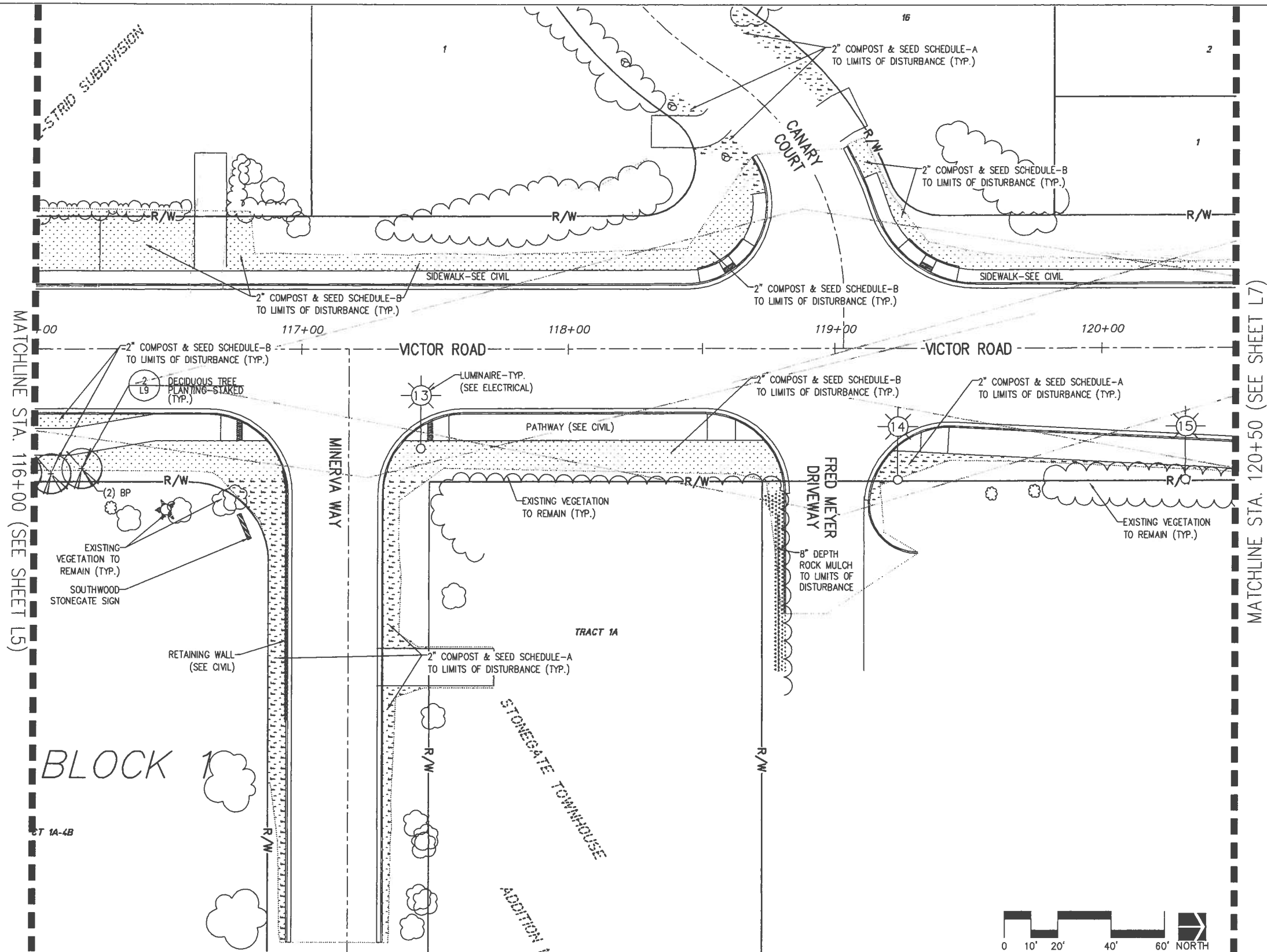
L5	L9	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



STATE OF ALASKA
49TH
FINAL PS&E
Drawing Prepared By:
LAND DESIGN NORTH/USKH, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD IMPROVEMENTS
LANDSCAPE PLAN
LANDSCAPE
PLAN
STA. 111+50 TO 116+00

CERTIFICATION SET JANUARY 2011

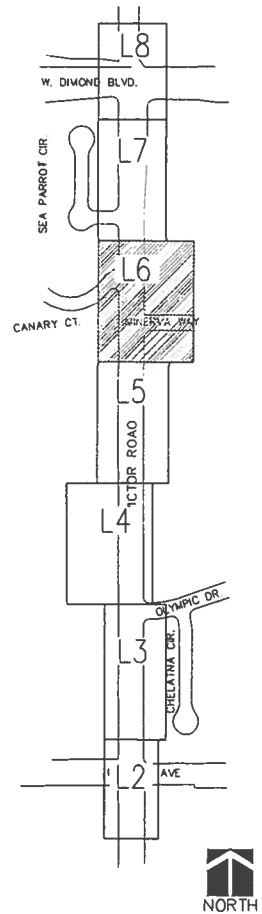
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DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
CHECKED BY 01/24/2011 238
DRAFTED BY 2/2/2010



PLANTING LEGEND			
SYMBOL	LABEL LATIN NAME		COMMON NAME
DECIDUOUS TREES			
	BP	BETULA PAPYRIFERA	PAPER BIRCH
SHRUBS			
	RAL	RIBES ALPINUM	ALPINE CURRANT
	CL	COTONEASTER LUCIDUS	HEDGE COTONEASTER

MISCELLANEOUS			
	2" COMPOST & SCHEDULE-A SEED MIX		8" DEPTH ROCK MULCH
	2" COMPOST & SCHEDULE-B SEED MIX (NO MOW MIX)		COLORLED CONCRETE
	2" COMPOST & SCHEDULE-C SEED MIX (NO MOW MIX)		SIGHT LINE
			EXISTING VEGETATION TO REMAIN

L6	L9	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



STATE OF ALASKA
49TH
FINAL PS&E
NO. 10341
Professional Engineer Seal

Drawing Prepared By:
LAND DESIGN NORTHUSKH, INC.

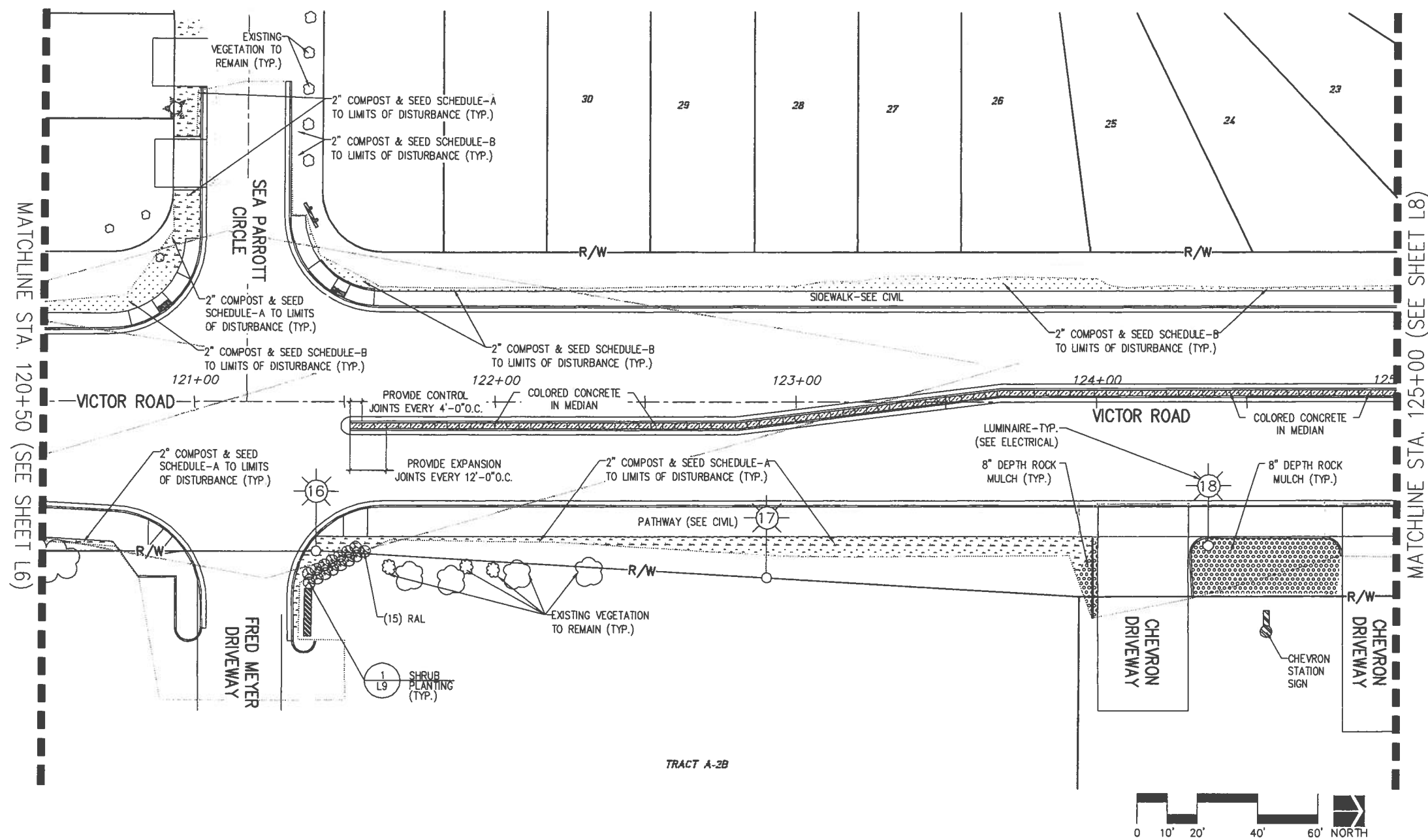
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD IMPROVEMENTS
LANDSCAPE PLAN

LANDSCAPE
PLAN
STA. 111+50 TO 120+50

LOUNSBURY PROJECT NUMBER: 2011-001
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
CHECKED BY: J. BRYAN
COMPUTER DESIGNATION: J. BRYAN
PLOTTED BY: J. BRYAN
DATE: 01/04/2011 2:28

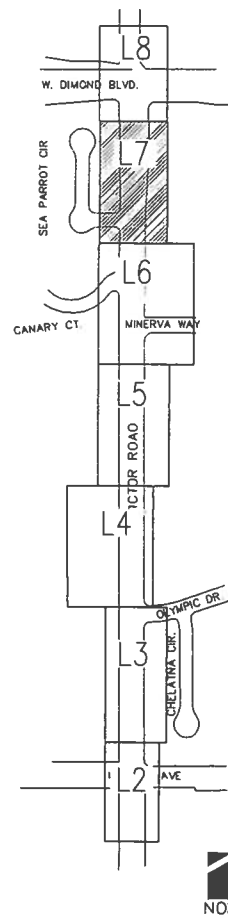
CERTIFICATION SET JANUARY 2011



PLANTING LEGEND		
SYMBOL	LABEL LATIN NAME	COMMON NAME
DECIDUOUS TREES		
	BP BETULA Papyrifera	PAPER BIRCH
SHRUBS		
	RAL RIBES ALPINUM	ALPINE CURRANT
	CL COTONEASTER LUCIDUS	HEDGE COTONEASTER

MISCELLANEOUS				
	2" COMPOST & SCHEDULE-A SEED MIX		8" DEPTH ROCK MULCH	 EXISTING VEGETATION TO REMAIN
	2" COMPOST & SCHEDULE-B SEED MIX (NO MOW MIX)		COLORLED CONCRETE	
	2" COMPOST & SCHEDULE-C SEED MIX (NO MOW MIX)		SIGHT LINE	

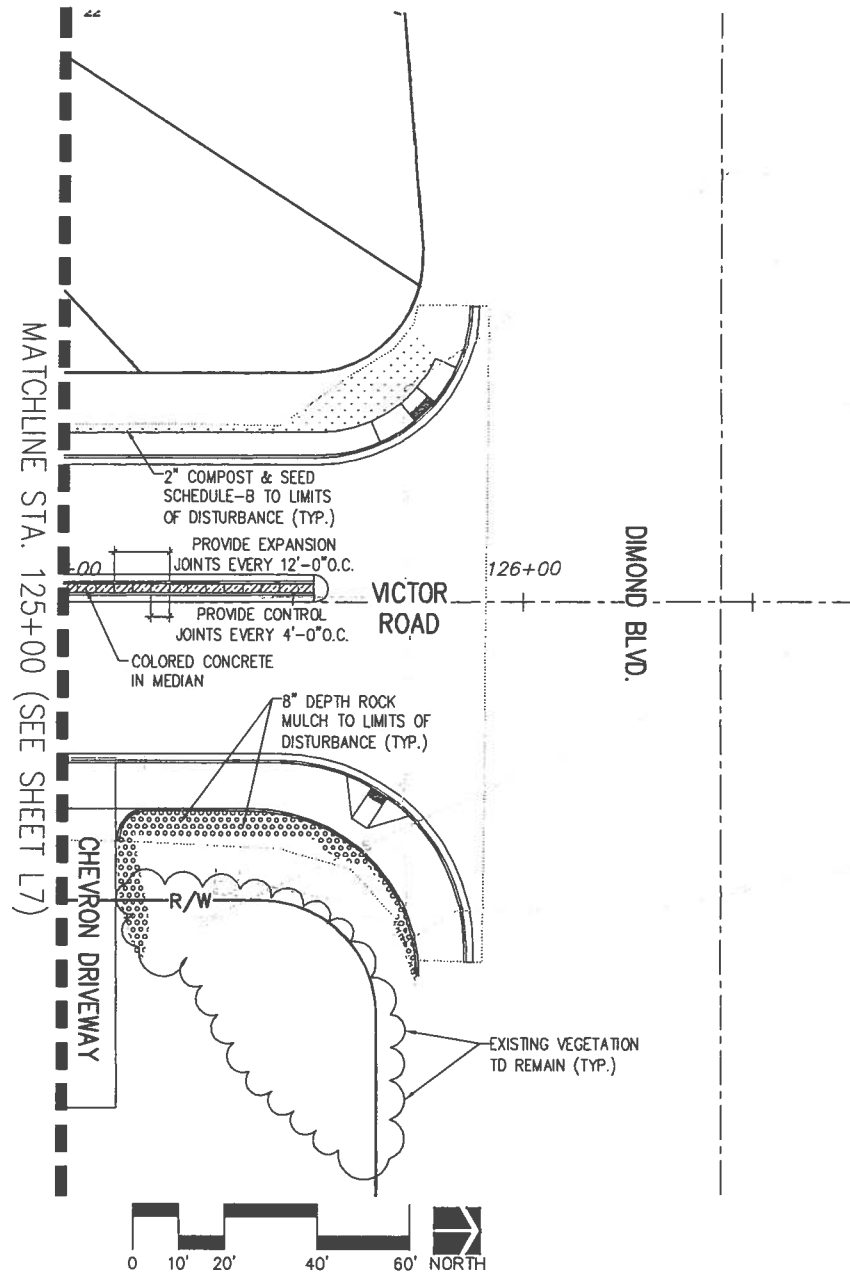
L7	L9	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION



STATE OF ALASKA
49TH
FINAL PS&E
Drawing Prepared By:
LAND DESIGN NORTHAUSKH, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD IMPROVEMENTS
LANDSCAPE PLAN
LANDSCAPE
PLAN
STA. 120+50 TO 125+00

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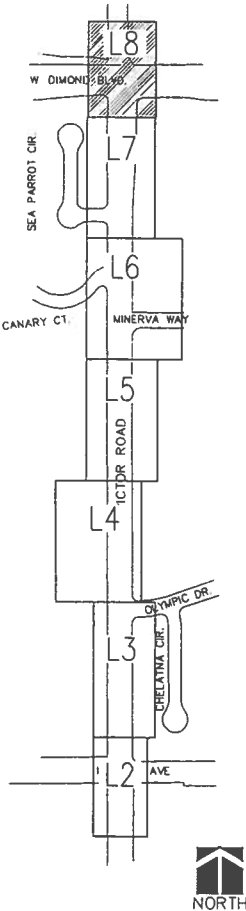
CERTIFICATION SET JANUARY 2011



PLANTING LEGEND			
SYMBOL	LABEL LATIN NAME		COMMON NAME
DECIDUOUS TREES			
	BP	BETULA PAPYRIFERA	PAPER BIRCH
SHRUBS			
	RAL	RIBES ALPINUM	ALPINE CURRANT
	CL	COTONEASTER LUCIDUS	HEDGE COTONEASTER

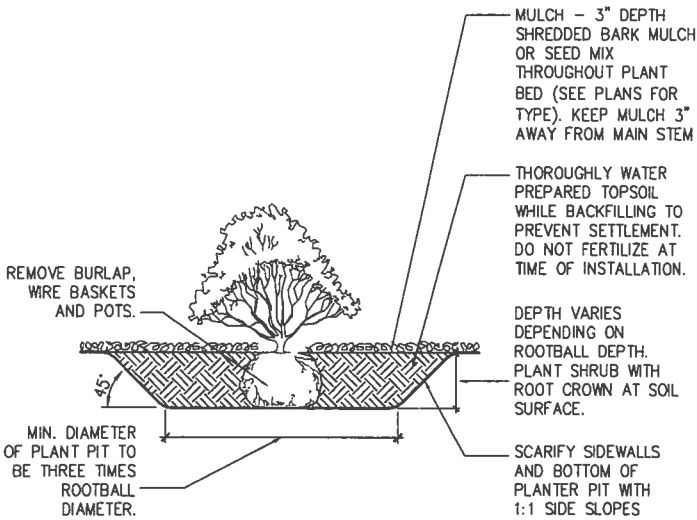
MISCELLANEOUS			
	2" COMPOST & SCHEDULE-A SEED MIX		8" DEPTH ROCK MULCH
	2" COMPOST & SCHEDULE-B SEED MIX (NO MOW MIX)		COLORED CONCRETE
	2" COMPOST & SCHEDULE-C SEED MIX (NO MOW MIX)		SIGHT LINE
			EXISTING VEGETATION TO REMAIN

L8	L9	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

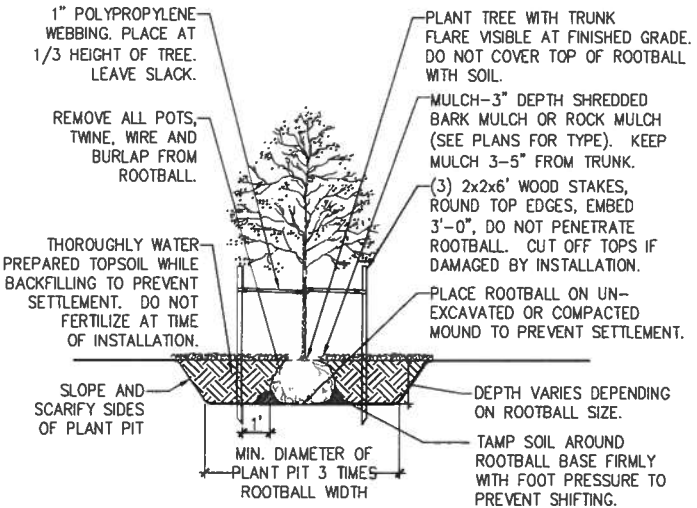


STATE OF ALASKA
49th
FINAL PS&E
Drawing Prepared By:
LAND DESIGN NORTH/USKH, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD IMPROVEMENTS
LANDSCAPE PLAN
LANDSCAPE
PLAN
STA. 125+00 TO EOP

NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	L9	L9



1 SHRUB PLANTING
SCALE: 3/4"=1'-0"
dt--shrb.dwg



2 DECIDUOUS TREE PLANTING-STAKED
SCALE: 1"=1'-0"
dt--tree-decd-stak.dwg

STATE OF ALASKA
PS&E
No. 10241
PROFESSIONAL LANDSCAPE ARCHITECT

Drawing Prepared by:
LAND DESIGN NORTH, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD
IMPROVEMENTS

LANDSCAPE
DETAILS

CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE INSTALLED AS SPECIFIED IN THE MOST CURRENT EDITION OF THE MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS FOR STREETS-DRAINAGE-UTILITIES-PARKS (MASS), THE AWWU DESIGN AND CONSTRUCTION PRACTICES MANUAL, AND THE SPECIAL PROVISIONS.
2. MAINTAIN A MINIMUM OF TEN (10) FEET HORIZONTAL AND EIGHTEEN (18) INCHES VERTICAL SEPARATION BETWEEN WATER AND SANITARY OR STORM SEWER MAINS AND SERVICES. SANITARY AND STORM SEWER PIPE JOINTS SHALL BE PLACED AT LEAST NINE (9) FEET FROM ANY WATERLINE CROSSING.
3. MAINTAIN A MINIMUM OF 36-INCHES OF VERTICAL SEPARATION BETWEEN ANY STORM SEWER (STORM DRAIN OR FOOTING DRAIN) AND WATERLINE (MAINS OR SERVICES) OR SANITARY SEWER (MAINS OR SERVICES). IF 36-INCHES CANNOT BE MAINTAINED, PROVIDE A MINIMUM OF 4-INCH THICK INSULATION.
4. ALL WATER/SEWER PIPE INSULATION SHALL BE RIGID BOARD, HIGH DENSITY EXTRUDED POLYSTYRENE, MIN. 60 P.S.I., FOR UNDERGROUND INSTALLATIONS EQUIVALENT TO R-20 PER FOUR (4) INCH THICK INSULATION.
5. CONTRACTOR SHALL VERIFY AND RECORD THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD AND RECORD ANY CHANGES ON THE CONTRACTOR RECORD DRAWINGS.
6. THE CONTRACTOR SHALL RESTORE ALL DISTURBED PROPERTY, INCLUDING DRAINAGE SWALES, DISTURBED BY CONTRACT ACTIVITIES TO PRECONSTRUCTION CONDITION.
7. IN CASE OF CONFLICT BETWEEN STATIONING LOCATION OF PIPE OR FITTINGS, AND DIMENSIONED LOCATIONS RELATIVE TO THE CENTERLINE AND PROPERTY LINE, THE DIMENSIONED LOCATIONS SHALL GOVERN.
8. THE CONTRACTOR SHALL RECORD SURVEY NOTES FOR SUBMITTAL WITH RECORD DRAWING PLANS PRIOR TO CONTRACT FINAL PAYMENT.
9. CONTRACTOR SHALL FIELD INSTALL RESTRAINED FITTINGS ON ALL MECHANICAL JOINTS.
10. CONTRACTOR SHALL USE DUCTILE IRON PIPE (DIP) LONG SOLID SLEEVES WITH RESTRAINED JOINTS TO FACILITATE CONNECTING DIP TO DIP OF SAME SIZE.
11. ALL DUCTILE AND CAST IRON PIPE AND FITTINGS SHALL BE ENCASED IN 8-MILS OF POLYETHYLENE WRAP, AS PER MASS SECTION 60.07 "POLYETHYLENE ENCASEMENT."
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, AND MUNICIPAL LAWS THAT PROHIBIT UNPERMITTED DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENTS, THAT ARE A RESULT OF EROSION AND OTHER CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONDUCT ALL WORK SO SEDIMENT IS NOT TRANSPORTED ONTO THE ROADWAY OR ADJACENT PROPERTY. AT A MINIMUM, THE CONTRACTOR SHALL SWEEP UP ANY SEDIMENT TRACKED ONTO PAVED SURFACES IN PUBLIC RIGHT-OF-WAY WITHIN 24 HOURS OF THE TRACKING TO MINIMIZE THE WASH-OFF OF SEDIMENT INTO THE STORM DRAINS OR WATERWAYS.
13. WATER RESULTING FROM CONTRACTORS DEWATERING EFFORTS SHALL NOT BE PUMPED OR OTHERWISE DIVERTED INTO EXISTING STORM DRAINS OR SANITARY SEWER MANHOLES OR CLEANOUTS, UNLESS REQUIRED PERMITS ARE OBTAINED BY THE CONTRACTOR. UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE ALLOWED TO DIVER WATER FROM EXCAVATIONS ONTO THE ROADWAYS. CONTRACTOR SHALL PROVIDE DISPOSAL SITE FOR EXCESS WATER AND SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS.
14. MANHOLE LOCATIONS ARE SHOWN TO APPROXIMATE CENTER OF STRUCTURE.
15. UNDERGROUND NATURAL GAS, TELEPHONE, ELECTRIC, AND CABLE TV LINES WERE FIELD LOCATED. PRIVATE SERVICE LINES WERE NOT FIELD LOCATED UNLESS SHOWN HEREON.
16. LOCATION OF WATER UTILITY LINES IS APPROXIMATE. THEY ARE DRAWN FROM VALVE TO VALVE USING ASBUILT INFORMATION AND WERE NOT FIELD LOCATED.
17. UNDERGROUND NATURAL GAS, TELEPHONE, ELECTRIC, AND CABLE TV LINE CROSSINGS IN THE PROFILE ARE SHOWN AT AN ASSUMED VERTICAL LOCATION. EXACT VERTICAL LOCATIONS SHOULD BE VERIFIED.

CALL BEFORE YOU DIG !		
LOCATE CALL CENTER	PHONE	278-3121
	FACSIMILE	278-0696
ACS TELECOMMUNICATIONS	KENAI PIPELINE SERVICES	
ALASKA DDT/PF ANCHORAGE STREETLIGHTS	MARATHON OIL COMPANY	
ALASKA FIBER STAR	MATANUSKA ELECTRIC ASSOC.	
ALASKA NATIVE MEDICAL CENTER	MATANUSKA TELE. ASSOC.	
ALASKA RAILROAD	MFS NETWORK TECHNOLOGIES	
ALYESKA CABLE COMPANY	MUKLUK TELEPHONE CO.	
ANCHORAGE SCHOOL DISTRICT	MUNICIPAL LIGHT & POWER MUNICIPAL	
ANCHORAGE PUBLIC WORKS DEPT.	PHILLIPS PETROLEUM PIPELINE	
ANCHORAGE WATER & WASTEWATER UTILITY	ROGERS CABLESYSTEMS	
AT&T ALASCOM	SIGNATURE FLIGHT SUPPORT	
CHUGACH ELECTRIC ASSOCIATION	TESORO PETROLEUM SERVICES	
ENSTAR NATURAL GAS COMPANY	UNOCAL PETROLEUM	
GOI COMMUNICATIONS	UNITED UTILITIES	
HOMER ELECTRIC ASSOCIATION	YUKON TELEPHONE	
INTERIOR TELEPHONE COMPANY		
MILITARY PETROLEUM FUEL LINES		552-3760
STATE STORM DRAIN		333-2411

SOIL ABBREVIATIONS	
GW	- WELL GRADED GRAVEL
GP	- POORLY GRADED GRAVEL
GM	- SILTY GRAVEL
GC	- CLAYEY GRAVEL
SW	- WELL GRADED SAND
SP	- POORLY GRADED SAND
SM	- SILTY SAND
SC	- CLAYEY SAND
ML	- INORGANIC SILT
CL	- INORGANIC CLAY
OL	- ORGANIC SILT
MH	- INORGANIC SILT
CH	- INORGANIC CLAY
OH	- ORGANIC CLAY
PT	- PEAT

WATER NOTES

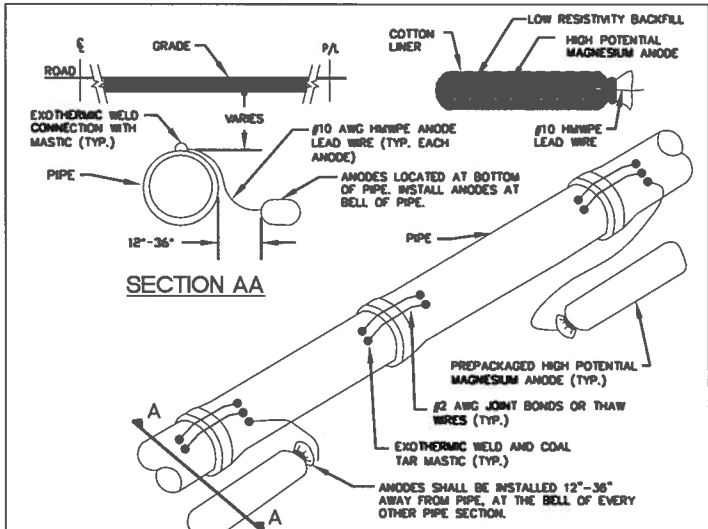
1. HYDRANTS WILL BE ADJUSTED TO FINAL GRADE BY AWWU O&M DIVISION. THE CONTRACTOR'S ENGINEER SHALL GIVE A MINIMUM FORTY-EIGHT (48) HOURS WRITTEN NOTICE TO AWWU ENGINEERING INDICATING THE TYPE OF FIRE HYDRANT AND THE AMOUNT OF VERTICAL ADJUSTMENT. ALL HYDRANTS ADJUSTED BY AWWU ARE ON A REIMBURSABLE BASIS.
2. AWWU, AFD AND EXISTING CUSTOMERS SHALL BE NOTIFIED SEVENTY-TWO (72) HOURS IN ADVANCE OF WATER SERVICE INTERRUPTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY WATER SERVICE TO THE EXISTING CUSTOMERS IF THE OUTAGE EXCEEDS 6-HOURS OR IF DEEMED NECESSARY BY THE ENGINEER. THE CONTRACTOR SHALL HAVE A TEMPORARY WATER SERVICE PLAN REVIEWED AND APPROVED BY ADEC.
3. ALL WATER MAINS SHALL BE CLASS 52, DUCTILE IRON PIPE.
4. ALL FIRE LINES SHALL HAVE RESTRAINED FITTINGS.
5. NO PIPE LENGTH LESS THAN EIGHT (8') FEET SHALL BE INCORPORATED IN THE WATER SYSTEM EXCEPT FOR THOSE NECESSARY FOR FIRE HYDRANTS OR VALVE LOCATIONS UNLESS RESTRAINED BY USE OF FIELD-LOK GASKETS (OR EQUAL) OR MEG-A-LUG FITTINGS (OR EQUAL).
6. THRUST RESTRAINT SHALL BE PROVIDED BY USE OF FIELD-LOK GASKETS (OR EQUAL) OR MEG-A-LUG FITTING (OR EQUAL) ON ALL MECHANICAL JOINTS, TEE'S, BENDS OR STUB-OUTS. THE USE OF THRUST BLOCK WILL NOT BE ALLOWED.
7. WATER SERVICES SHALL BE PLACED NO CLOSER THAN: 15 FEET HORIZONTALLY MEASURED TO ANY FIRE HYDRANT OR FIRE HYDRANT LEG; 10 FEET HORIZONTALLY MEASURED TO ANY SANITARY SEWER MAIN, SANITARY SEWER SERVICE, STORM SEWER, FOOTING DRAIN, STREET LIGHT, TRANSFORMER PAD, ELECTRICAL/TELEPHONE/CABLE BOX; AND 5 FEET HORIZONTALLY MEASURED TO ANY SIDE LOT LINE
8. THE CONTRACTOR SHALL HAVE THE NEWLY INSTALLED WATERMAIN OPEN BORE FLUSHED BY AWWU PRIOR TO INSTALLATION OF WATER SERVICES. PROVIDE A MINIMUM OF 48 HOURS ADVANCE NOTICE.
9. ALL WATER MAIN AND SERVICE TRENCHES AND BEDDING SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
10. ALL WATER MAINS AND SERVICES SHALL HAVE A MINIMUM OF 10 FEET OF BURY AT ALL POINTS.
11. MAXIMUM DEFLECTION OF PIPE PER JOINT SHALL NOT EXCEED 80% OF THE MANUFACTURERS RECOMMENDED DEFLECTION (4 DEGREES).
12. ALL PIPE BEDDING SHALL BE TYPE IIA.
13. THE CONTRACTOR SHALL RELOCATE ANY WATER SERVICE CONNECTIONS INSTALLED WITH LESS THAN MINIMUM STANDARD DISTANCES PRIOR TO ACCEPTANCE BY AWWU.
14. CONTRACTOR SHALL INSTALL CATHODIC PROTECTION IN ACCORDANCE WITH ANODE DETAIL AND SPECIAL PROVISIONS.

LEGEND - PLAN		
EXISTING	PROPOSED	DESCRIPTION
=====	=====	PROPERTY LINE
-----	-----	EASEMENT
-----	-----	CENTERLINE
=====	=====	CURB & GUTTER
=====	=====	EDGE OF PAVEMENT
- W -	- W -	WATER MAIN
- S -	- S -	SEWER MAIN
- SD -	- SD -	STORM DRAIN MAIN
- O/E -	- OHP -	OVERHEAD ELECTRIC
- O/T -	- OHT -	OVERHEAD TELEPHONE
- E -	- E -	UNDERGROUND ELECTRIC
- C -	- C -	UNDERGROUND CABLE
- T -	- T -	UNDERGROUND TELEVISION
- G -	- G -	UNDERGROUND NATURAL GAS
- X -	- X -	FENCE
====>	====>	DRAINAGE ARROW
⊙	⊙	ELECTRICAL HAND HOLE
⊙	⊙	TELEPHONE HAND HOLE
⊙	⊙	ELECTRICAL VAULT
⊙	⊙	ELECTRICAL METER
⊙	⊙	UNDERGROUND ELECTRICAL PEDESTAL
⊙	⊙	UNDERGROUND TELEPHONE PEDESTAL
⊙	⊙	GAS METER
⊙	⊙	GAS VALVE
⊙	⊙	MAILBOX
⊙	⊙	STREET SIGN
⊙	⊙	IRON PIN OR REBAR
⊙	⊙	SECTION CORNER/SURVEY MONUMENT
⊙	⊙	LIGHT POLE
⊙	⊙	WATER KEYBOX
⊙	⊙	WATER VALVE
⊙	⊙	WATER PLUG
⊙	⊙	WATER STUB
⊙	⊙	FIRE HYDRANT
⊙	⊙	SEWER MANHOLE
⊙	⊙	SEWER SERVICE
⊙	⊙	SEWER PLUG
⊙	⊙	CLEANOUT
⊙	⊙	STORM DRAIN MANHOLE
⊙	⊙	STORM DRAIN CATCH BASIN
⊙	⊙	STORM DRAIN CATCH BASIN MANHOLE
⊙	⊙	STORM DRAIN SERVICE
⊙	⊙	RETURN RADIUS
⊙	⊙	PAVEMENT REMOVAL LIMITS
⊙	⊙	EXISTING TEST HOLE

LEGEND - PROFILE		
EXISTING	PROPOSED	DESCRIPTION
=====	=====	CENTERLINE GRADE
=====	=====	LEFT PROPERTY LINE GRADE
=====	=====	RIGHT PROPERTY LINE GRADE
=====	=====	LIMIT OF EXCAVATION
=====	=====	INSULATION
=====	=====	WATER LEVEL
=====	=====	UTILITY MAIN
=====	=====	STORM DRAIN/SEWER MANHOLE

ABBREVIATIONS

- AD - ALGEBRAIC DIFFERENCE
AWWU - ANCHORAGE WATER & WASTEWATER
BOH - BOTTOM OF HOLE
BOP - BOTTOM OF PIPE
BV - BUTTERFLY VALVE
BVCE - BEGIN VERTICAL CURVE - ELEVATION
BVCS - BEGIN VERTICAL CURVE - STATION
ELEV - ELEVATION
EOP - EDGE OF PAVEMENT
EVCE - END VERTICAL CURVE - ELEVATION
EVCS - END VERTICAL CURVE - STATION
F&I - FURNISH AND INSTALL
FG - FINISHED GRADE
FH - FIRE HYDRANT
GV - GATE VALVE
H - HORIZONTAL
IAW - IN ACCORDANCE WITH
INV - INVERT
K - SIGHT DISTANCE
LT - LEFT
MASS - MUN. OF ANCHORAGE STD SPECIFICATIONS
MSL - MEAN SEA LEVEL
OFF - OFFSITE
PL - PROPERTY LINE
PC - POINT OF CURVATURE
POB - POINT OF BEARING
PRC - POINT OF REVERSE CURVE
PT - POINT OF TANGENCY
PM - POINT OF VERTICAL INTERSECTION
RED - REDUCER
RT - RIGHT
RDW - RIGHT OF WAY
RP - RADIUS POINT
SEP - SEPARATION
SI - STREET INTERSECTION
SP - SINGLE PUMPER
STA - STATION
STD - STANDARD
TBC - TOP BACK OF CURB
TOP - TOP OF PIPE
TP - TOP OF PAVEMENT
VB - VALVE BOX
VC - VERTICAL CURVE



- NOTES:
1. HIGH POTENTIAL MAGNESIUM ANODES SHALL BE PREPACKAGED IN A CLOTH BAG WITH A BACKFILL MIXTURE OF 75% GYPSUM, 20% BENTONITE AND 5% SODIUM SULFATE. THE ANODES SHALL HAVE A 20 LB. BARE WEIGHT AND APPROXIMATELY 70 LB. PACKAGED WEIGHT.
 2. ANODES SHALL BE INSTALLED ON EVERY OTHER JOINT OF PIPE (A MAXIMUM OF 36 FEET OF BURIED PIPE BETWEEN ANODES). AN ANODE IS REQUIRED ON THE FIRST AND LAST JOINT OF PIPE.
 3. CONTRACTOR SHALL PROVIDE COORDINATES OR PIPE STATIONING FOR EACH ANODE INSTALLED.
 4. TWO #2 AWG THAW WIRES ARE REQUIRED FOR PIPE SIZES LESS THAN 12". TWO #2 AWG JOINT BOND WIRES ARE REQUIRED FOR PIPE SIZES 12" AND LARGER, WHEN ANODE INSTALLATIONS ARE REQUIRED.
 5. ALL CABLES SHALL BE SINGLE CONDUCTOR, STRANDED COPPER, WITH TYPE NMWPE INSULATION RATED FOR 600 VOLTS.
 6. SPLIT-BOLT CONNECTIONS SHALL NOT BE ALLOWED ON ANY UNDERGROUND CONDUCTORS. IF SPICES ARE REQUIRED, COMPRESSION CONNECTIONS (BUSHY OR APPROVED EQUAL) SHALL BE USED. COMPRESSION CONNECTIONS SHALL BE SEALED WITH A HEAT SHRINK SLEEVE RATED FOR BELOW GRADE USE.
 7. EXOTHERMIC WELDS SHALL BE MADE IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS (NOTE: COPPER CONDUCTOR SLEEVES ARE REQUIRED FOR #10 WIRE BY SOME MANUFACTURERS). THE EXOTHERMIC WELD AREA SHALL BE COATED WITH COAL TAR MASTIC.
 8. AT FIRE HYDRANT LOCATIONS, INSTALL ONE ANODE (12'-36" AWAY FROM THE PIPE) AT THE MIDPOINT BETWEEN THE TEE FROM THE MAIN LINE PIPE AND THE HYDRANT SHOE.

MUNICIPALITY OF ANCHORAGE	SCALE: N.T.S.	SECTION # 60.19
APPROVED: 11/08	REVISED: 11/08	DETAIL # 60-13

ANODE DETAIL

SHEET NO.	TOTAL SHEETS	
P1	P2	
STATE	YEAR	
ALASKA	2011	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

DIMOND BLVD

SEA PARROT CIRCLE

CANARY COURT

MINERVA WAY

VICTOR ROAD

OLYMPIC DRIVE

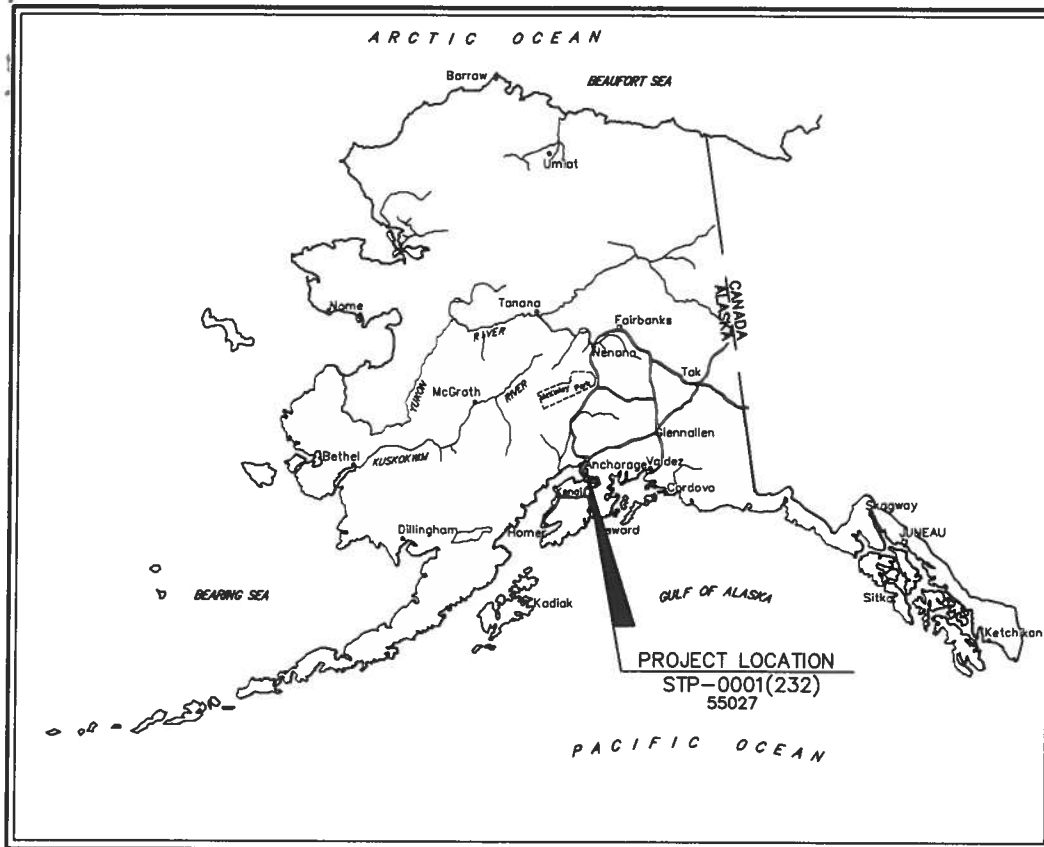
CHELATNA CIRCLE

100th AVE.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

WATER IMPROVEMENT NOTES



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT
VICTOR ROAD IMPROVEMENTS
DIMOND BLVD. TO 100TH AVE.
STP-0001(232)

55027

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
STP-0001(232)	R1	R7

PLAT APPROVAL
PLAT APPROVED BY THE MUNICIPAL SURVEYOR THIS ____ DAY
OF ____, 20__.

MUNICIPAL SURVEYOR

THOMAS W. KNOX

PLAT APPROVED BY THE MUNICIPAL PLATTING AUTHORITY THIS
____ DAY OF ____, 20__.

PLATTING OFFICER

JERRY T. WEAVER

CONSULTANT LOCATIONS SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR
REGISTERED IN THE STATE OF ALASKA AND THAT ALL RIGHT-OF-
WAY CENTERLINE MONUMENT LOCATIONS HAVE BEEN ESTABLISHED
AS INDICATED ON THE RIGHT-OF-WAY PLANS, ALL EXISTING FOUND
SUBDIVISION MONUMENTS, PROPERTY CORNERS AND SECTION LINE
MONUMENTATION AS INDICATED ON THE RIGHT-OF-WAY PLANS HAVE
BEEN REFERENCED TO PROJECT SURVEY CONTROLS BY ME OR UNDER
MY SUPERVISION.

DATE _____ REGISTRATION NUMBER _____

KENNETH W. AYERS, P.L.S.

CONSULTANT RIGHT-OF-WAY SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR
REGISTERED IN THE STATE OF ALASKA AND THAT THIS PLAT WAS
MADE BY ME OR UNDER MY SUPERVISION. THIS PLAT WAS BASED
UPON THE MONUMENTS RECOVERED DURING THE DEPARTMENT'S
LOCATIONS SURVEY FOR THIS PROJECT.

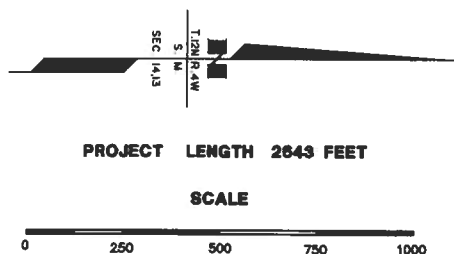
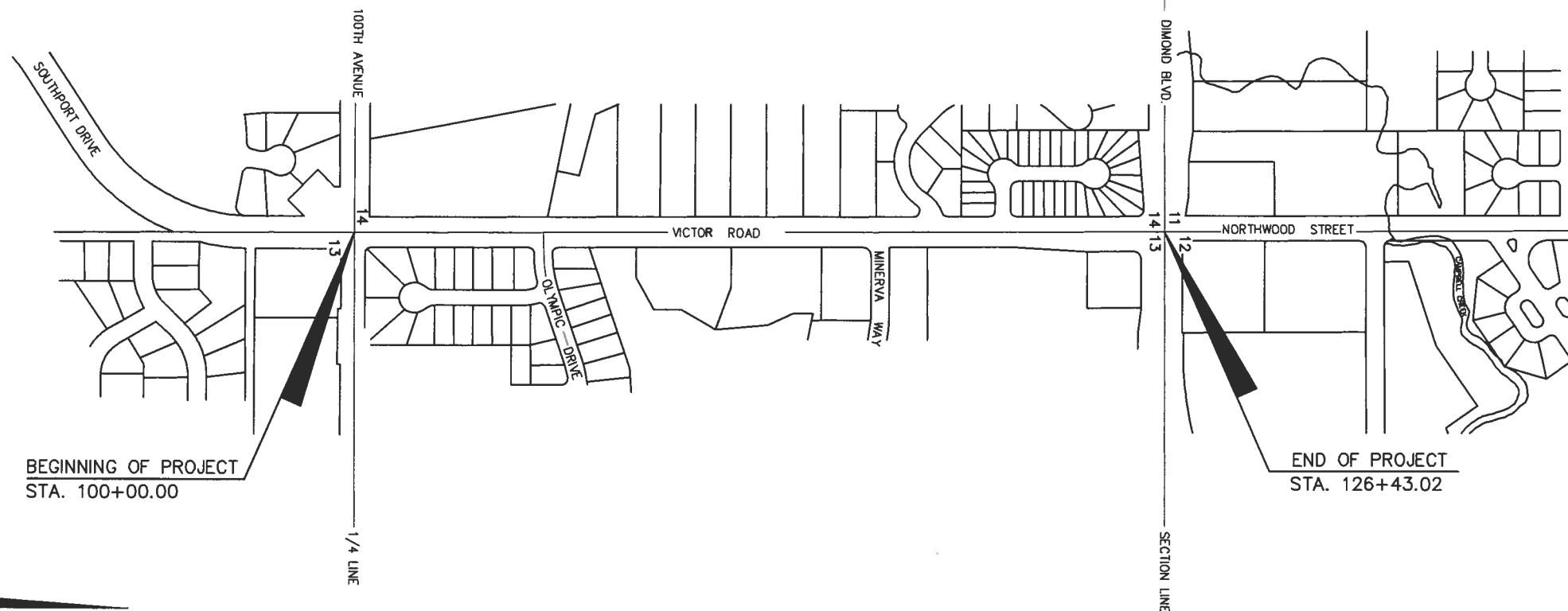
DATE _____ REGISTRATION NUMBER _____

KENNETH W. AYERS, P.L.S.

DEPARTMENT OF
TRANSPORTATION & PUBLIC FACILITIES

APPROVED _____, 20__
Date

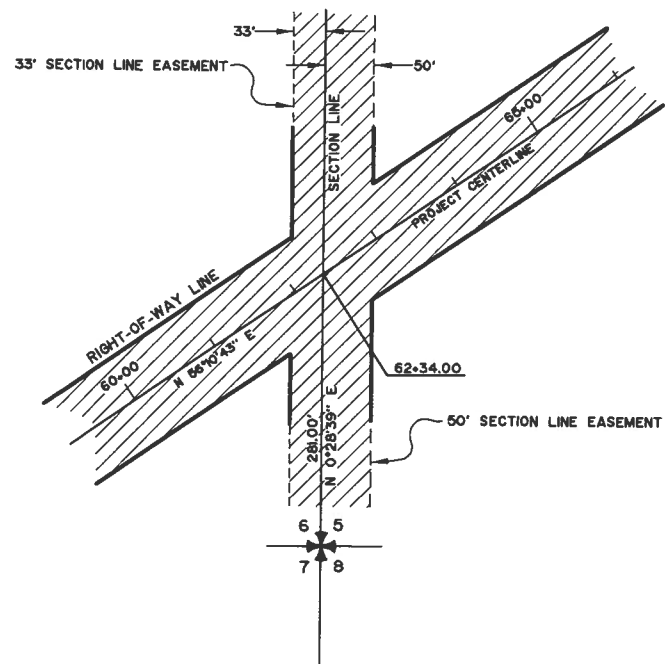
REGIONAL CHIEF R/W AGENT



STATE BUSINESS - NO FEE
ANCHORAGE RECORDING DISTRICT

	RECOVERED	TO BE SET THIS PROJECT
GOV'T SECTION CORNER		
GOV'T 1/4 SECTION CORNER		
GOV'T 1/16 SECTION CORNER		
GOV'T SURVEY MONUMENT		
GOV'T CONTROL STATION		
PRIMARY MONUMENT [BRASS/AL CAP]		
MISC. SECONDARY CORNER		
PRIMARY CENTERLINE MOMUMENT		
SECONDARY CENTERLINE MONUMENT		
CONTROL POINT		
INTERNATIONAL BOUNDARY LINE		
TOWNSHIP & RANGE LINE		
SECTION LINE		
1/4 SECTION LINE		
1/16 SECTION LINE		
CORPORATE OR CITY LIMITS		

SECTION LINE EASEMENT AND
SECTION LINE-CENTERLINE INTERSECTION



HIGHWAY MILEPOST	
RAILROAD MILEPOST	
EXISTING RIGHT-OF-WAY	
RIGHT-OF-WAY REQUIRED	
STATION EQUATION	
PROJECT CENTERLINE	
EXISTING CENTERLINE	
RAILROAD CENTERLINE	
PROJECT RIGHT-OF-WAY LINE	
EXISTING PROPERTY LINE	
CONTROLLED ACCESS LINE	
PERMIT LINE	
EXISTING EASEMENT LINE	
LIMIT OF CUT SLOPE	
LIMIT OF FILL SLOPE	
PROPOSED ROADWAY	
EXISTING ROADWAY	
NOISE BARRIER	
FENCE	
STONE FENCE	
HEAD & WINGWALL	
GUARDRAIL	
RETAINING WALL	
TUNNEL	
INTERMITTENT DRAINAGE	
INTERCEPTOR DITCH	
MARSHLAND	
CREEK	
RIVER	
LAKE	
RESERVOIR	
CHANNEL CHANGE	

	EXISTING	PROPOSED
PIPELINES:		
SANITARY SEWER		
OIL		
GAS		
WATER		
STORM DRAIN		
SIDEWALK		
CONCRETE CURB		
CONCRETE CURB & GUTTER		
DRIVEWAY, APPROACH, & SIDE DRAIN		
BRIDGE		
RIPRAP		
U.G. TELEPHONE (DIRECT BURY)		
U.G. ELECTRIC (DIRECT BURY)		
U.G. DUCT		
TELEPHONE MANHOLE		
ELECTRIC MANHOLE		
FOUNDATION		
BUILDING		
MANHOLE		
FIRE HYDRANT		
METER		
PIPE CULVERT		
UTILITY POLE		
LUMINAIRE		
UTILITY POLE WITH LUMINAIRE		
POLE ANCHOR		
TRANSMISSION TOWER [WOOD]		
TRANSMISSION TOWER [STEEL]		
ELECTRICAL OUTLET		
ELECTRICAL PEDESTAL		
TELEPHONE PEDESTAL		
CABLE T.V. PEDESTAL		

	EXISTING
PLANTER	
VENT	
TANK VENT	
WELL	
SEPTIC	
TANKS	
Above Ground	
Below Ground	
SATELLITE DISH	
PRIVATE SIGN	
GAS PUMP	
POST	
BOULDER OR BOULDERS	
GROUND LIGHT	
DECIDUOUS TREE	
CONIFEROUS TREE	
SHRUB OR SHRUBS	

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

&

PUBLIC FACILITIES

RIGHT OF WAY MAP

ALASKA PROJECT NO.

STP-0001(232)

5502T

VICTOR ROAD IMPROVEMENTS

DIMOND BLVD. TO 100TH AVE.

DRAWN

DJB

DATE

04/18/08

SCALE

1" = 50'

CHECKED

DMP

DATE

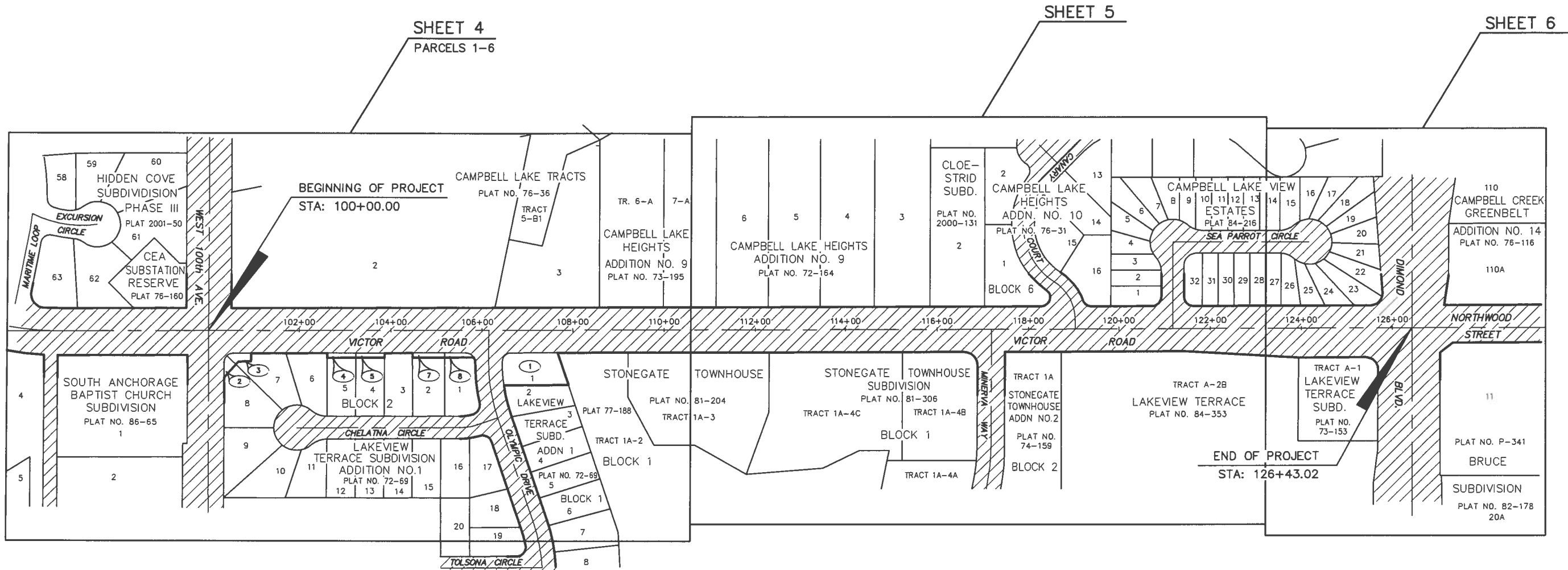
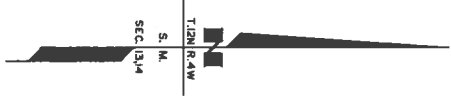
05/09/08

SHEET

2

OF

7

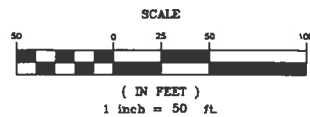
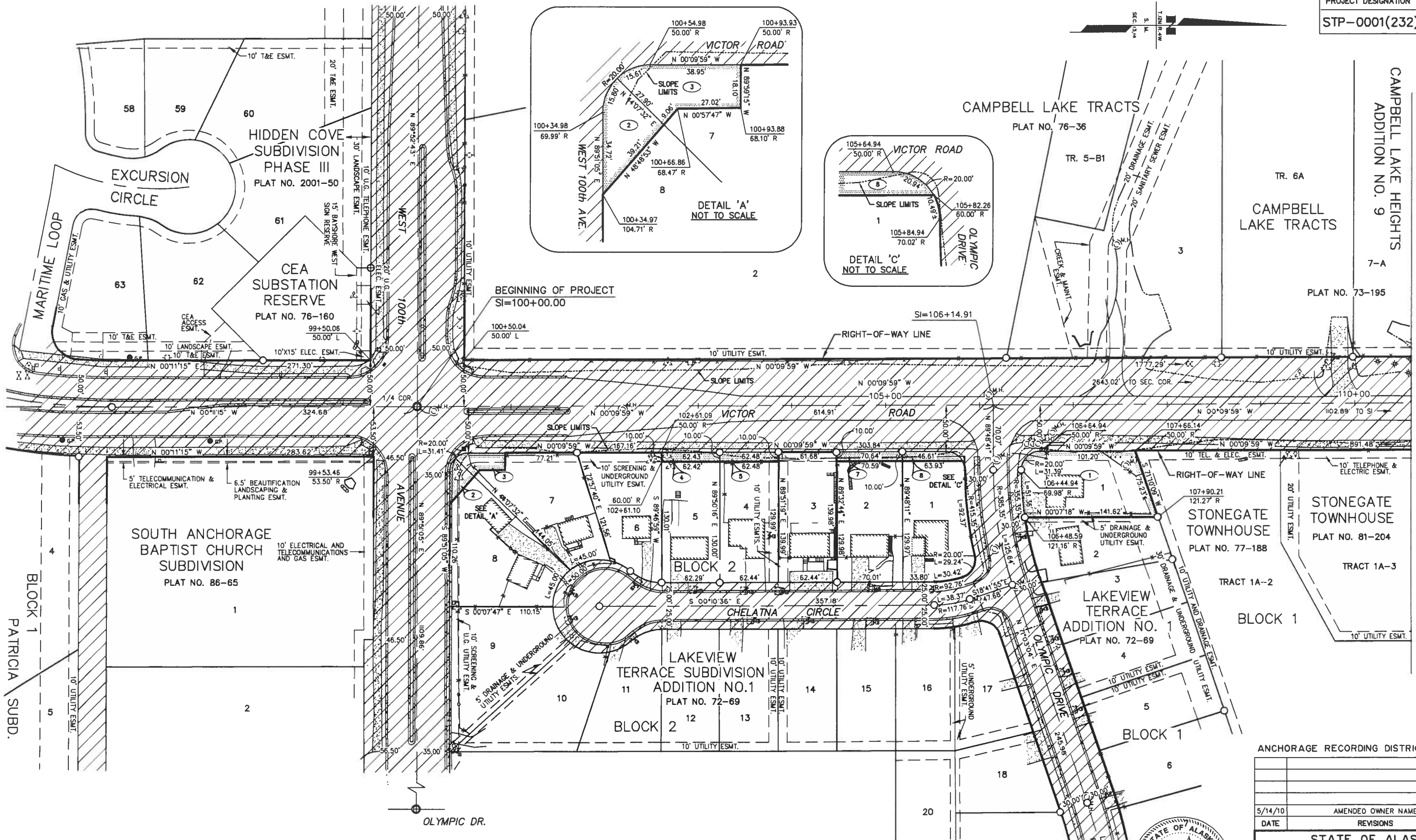


ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY
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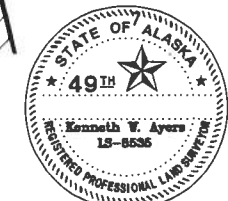
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
STP-0001(232)
55027
VICTOR ROAD IMPROVEMENTS
DIMOND BLVD. TO 100TH AVE.

DRAWN	DJB	DATE	4/28/2008	SCALE	1" = 120'
CHECKED	DMP	DATE	05/09/08	SHEET	3 OF 7



PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	RECORDED DOCUMENT NO.
8	FEE	LUZVIMINDA T. AND FLORO C. SERGIO	9,653 S.F.	589 S.F.	589 S.F.	9,064 S.F.	2009-067682-0
7	FEE	WILLIAM ANDREW & AMY R. RUTLEDGE	9,844 S.F.	706 S.F.	706 S.F.	9,138 S.F.	2009-071791-0
6	DELETED	GABRIEL J. HUSS & JENNIFER FREEBERG	8,687 S.F.	---	---	8,687 S.F.	---
5	FEE	MICHAEL J. & SHARLENE R. WHEELER	8,744 S.F.	625 S.F.	625 S.F.	8,119 S.F.	2009-071793-0
4	FEE	IN SOOK LEE & JAE KI KIM	8,730 S.F.	624 S.F.	624 S.F.	8,106 S.F.	2009-078655-0
3	FEE	ROSEMARIE MERCER	11,018 S.F.	910 S.F.	910 S.F.	10,108 S.F.	2009-061251-0
2	FEE	RICHARD J. & JAMIE L. BACHMAN	12,612 S.F.	665 S.F.	665 S.F.	11,947 S.F.	2009-059763-0
1	FEE	SHANNON W. CLEM AND SHELBY M. CLEM	9,340 S.F.	9,340 S.F.	0 S.F.	2007-006523-0	

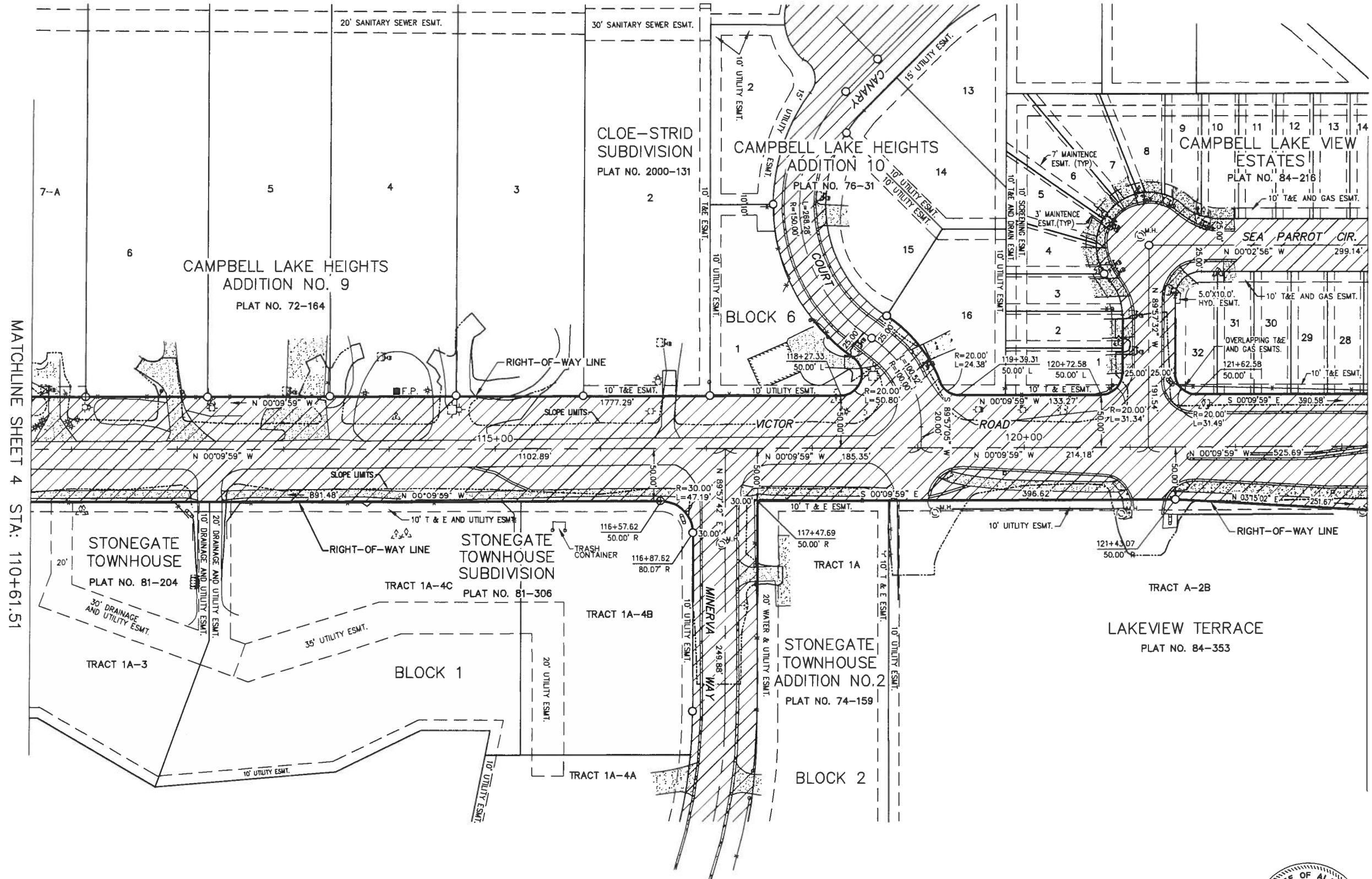
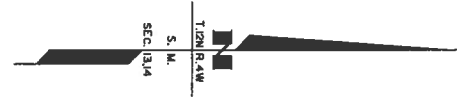
PARCEL INFORMATION



CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

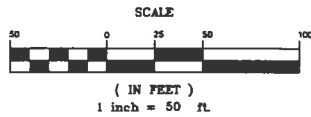
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT		
5/14/10	AMENDED OWNER NAME	DJB
DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RIGHT OF WAY MAP ALASKA PROJECT NO. STP-0001(232) 55027 VICTOR ROAD IMPROVEMENTS DIMOND BLVD. TO 100TH AVE.		
DRAWN	BJR/DJB	DATE 04/18/08
CHECKED	DMP	DATE 05/09/08
SCALE 1" = 50'		SHEET 4 OF 7



MATCHLINE SHEET 4 STA: 110+61.51

MATCHLINE SHEET 6 STA: 123+24.59



CONSULTANT LOCATIONS
SURVEYORS CERTIFICATE
CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT		
DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION a PUBLIC FACILITIES RIGHT OF WAY MAP ALASKA PROJECT NO. STP-0001(232) 55027 VICTOR ROAD IMPROVEMENTS DIMOND BLVD. TO 100TH AVE.		
DRAWN	BJR/DJB	DATE 04/18/08
CHECKED	DMP	DATE 05/09/08
SCALE 1" = 50'		SHEET 5 OF 7

MONUMENT SUMMARY SHEET

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
STP-0001(232)	7	7

RECOVERED CORNERS - SHEET 4						
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
NW LOT 1, BLK 4, PATRICIA SUB.	REBAR	308084.2469	341933.2830	96+42.70	54.39 RT	
PC CL VICTOR RD.	REBAR	308119.5580	341879.7589	96+75.32	0.00 RT	
SE CEA SUB. RESERVE	REBAR	308280.0271	341829.3809	98+35.96	49.85 LT	
NW CEA SUB. RESERVE	ALUMINUM CAP	308393.7012	341730.0921	99+49.96	148.77 LT	
SI WEST 100TH AVE. AND VICTOR RD.	ALUMINUM CAP	308444.2317	341878.6959	100+00.00	0.00 LT	
SW LOT 6 LAKEVIEW TERRACE SUB. ADD 1 BLK 2	REBAR	308615.4898	341928.0938	101+71.11	49.89 RT	
RP CHELATNA CIRCLE	ALUMINUM CAP	308639.9354	342093.1530	101+95.08	215.02 RT	
PRC LOT 6 LAKEVIEW TERRACE SUB. ADD 1 BLK 2	REBAR	308672.8669	342055.5961	102+28.12	177.56 RT	
NE LOT 6 LAKEVIEW TERRACE SUB. ADD 1 BLK 2	REBAR	308706.0179	342067.9090	102+61.24	189.97 RT	
NE LOT 5 LAKEVIEW TERRACE SUB. ADD 1 BLK 2	REBAR W/ YPC	308768.2951	342067.7397	103+23.51	189.98 RT	
NW LOT 5 LAKEVIEW TERRACE SUB. ADD 1 BLK 2	REBAR W/ YPC	308767.8986	341927.7961	103+23.52	50.04 RT	
NW LOT 4 LAKEVIEW TERRACE SUB. ADD 1 BLK 2	REBAR W/ YPC	308830.3797	341927.5536	103+86.00	49.98 RT	
NW LOT 3 LAKEVIEW TERRACE SUB. ADD 1 BLK 2	REBAR	308892.0646	341927.8670	104+47.69	50.47 RT	
NE LOT 3 LAKEVIEW TERRACE SUB. ADD 1 BLK 2	REBAR	308893.1709	342067.3549	104+48.39	189.96 RT	
NW LOT 2 LAKEVIEW TERRACE SUB. ADD 1 BLK 2	REBAR	308962.6995	341927.3324	105+18.32	50.14 RT	
PT CL CHELANTA CIRCLE	ALUMINUM CAP	308997.1171	342092.0524	105+52.26	214.96 RT	
PC CL CHELANTA CIRCLE	ALUMINUM CAP	309034.7816	342085.6556	105+89.95	208.67 RT	
PC OLYMPIC DRIVE	ALUMINUM CAP	309059.3696	341946.9853	106+14.94	70.07 RT	
SE LOT 3 CAMPBELL LAKE TRACTS	REBAR	309072.6601	341826.5439	106+28.58	50.33 LT	
PC/IC OLYMPIC DRIVE & CHELATNA	ALUMINUM CAP	309079.9403	342070.3713	106+35.15	193.52 RT	
SW LOT 1 LAKEVIEW TERRACE SUB. ADD 1 BLK 1	REBAR	309089.3030	341946.9701	106+44.87	70.15 RT	
SW LOT 2 LAKEVIEW TERRACE SUB. ADD 1 BLK 1	REBAR	309093.1687	341997.9746	106+48.59	121.16 RT	
NE LOT 1 LAKEVIEW TERRACE SUB. ADD 1 BLK 1	REBAR W/ YPC	309234.7915	341997.6738	107+90.21	121.27 RT	
NE LOT 2 LAKEVIEW TERRACE SUB. ADD 1 BLK 1	REBAR	309250.3510	342043.2988	108+05.64	166.94 RT	
NE LOT 3 CAMPBELL LAKE VIEW ESTATES ADD 9	REBAR	309302.0739	341826.4195	108+57.99	49.79 LT	
NE TRACT 6-A CAMPBELL LAKE VIEW ESTATES ADD 9	REBAR	309442.4044	341826.0081	109+98.32	49.79 LT	

RECOVERED CORNERS - SHEET 5						
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
NE LOT 7-A CAMPBELL LAKE HEIGHTS ADD 9	BRASS CAP	309557.4607	341825.5485	111+13.38	49.92 LT	
NE LOT 6 CAMPBELL LAKE VIEW ESTATES ADD 9	REBAR	309672.4086	341825.4432	112+28.33	49.69 LT	
NE LOT 5 CAMPBELL LAKE VIEW ESTATES ADD 9	REBAR	309787.6037	341824.6918	113+43.52	50.10 LT	
NE LOT 4 CAMPBELL LAKE VIEW ESTATES ADD 9	REBAR	309907.5194	341823.7173	114+63.44	50.73 LT	
NE LOT 3 CAMPBELL LAKE VIEW ESTATES ADD 9	IRON PIPE	310027.6266	341823.8255	115+83.55	50.27 LT	
PC ON N-S LINE TRACT 1A-4B STONEGATE TOWNHOUSE BLK 1	BRASS CAP	310101.5015	341923.6683	116+57.13	49.78 RT	
PC ON E-W LINE TRACT 1A-4B STONEGATE TOWNHOUSE BLK 1	REBAR	310132.1898	342123.6075	116+87.24	249.81 RT	
PC ON E-W LINE TRACT 1A-4B STONEGATE TOWNHOUSE BLK 1	REBAR	310132.0765	341953.8835	116+87.62	80.09 RT	
NE LOT 2 CLOE STRID SUB	IRON PIPE	310147.4487	341823.5583	117+03.37	50.19 LT	
PC CL CANARY COURT	REBAR	310300.7324	341768.8660	118+56.81	104.44 LT	
SC LOT 6 CAMPBELL LAKE VIEW ESTATES ADD 10	REBAR	310314.3726	341747.5225	118+70.51	125.74 LT	
NE LOT 4 CAMPBELL LAKE VIEW ESTATES	REBAR	310519.2646	341707.9998	120+75.52	164.67 LT	
AP/RP SEA PAROTT CIRCLE	REBAR	310561.6919	341681.0051	121+18.02	191.54 LT	
AP ON N-S LINE TRACT A-2B LAKEVIEW TERRACE	REBAR	310587.4407	341922.4393	121+43.07	49.96 RT	

RECOVERED CORNERS - SHEET 6						
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
SE TRACT A1 LAKEVIEW TERRACE	REBAR	310837.9421	342121.8068	123+92.99	250.06 RT	
SW TRACT A1 LAKEVIEW TERRACE	REBAR	310838.7030	341936.3947	123+94.29	64.65 RT	
NE LOT 24 CAMPBELL LAKE VIEW ESTATES	REBAR	310960.8341	341822.5689	125+16.75	48.82 LT	
NE TRACT A-1 LAKEVIEW TERRACE	REBAR	311012.8548	342121.2122	125+67.91	249.97 RT	
PC OF CL DIMOND BLVD.	BRASS CAP	311088.2504	342287.0032	126+42.82	415.98 RT	
SI OF VICTOR & DIMOND BLVD.	BRASS CAP	311087.2420	341871.0236	126+43.02	0.00 RT	
1/4 SEC 11/14 T12N R4W S.M.	BRASS CAP	311085.3250	340550.7509	126+45.44	1320.27 LT	

NOTES

1. WHETHER LISTED OR NOT, ALL MONUMENTS OR PROPERTY MARKERS, CORNERS, OR ACCESSORIES, WHICH WILL BE DISTURBED OR BURIED, SHALL BE REFERENCED AND RE-ESTABLISHED IN THEIR ORIGINAL POSITION (A.S. 19.10.260) AND RECORDED (A.S. 34.65.040).

HORIZONTAL DATUM

HORIZONTAL DATUM IS A LOCAL PLANE COORDINATE SYSTEM BASED ON TRANSLATION PARAMETERS DEVELOPED BY THE ALASKA DEPARTMENT OF TRANSPORTATION TO CONVERT FROM NAD83(92) ALASKA STATE PLANE GRID COORDINATES.

BASIS OF COORDINATES IS A LOCAL SURFACE GRID COORDINATE SYSTEM BASED ON RECOVERED BOWL 2000 MONUMENTATION. THE COORDINATE VALUES SHOWN ARE NOT ANCHORAGE BOWL 2000 VALUES.

THE BASIS OF BEARINGS 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°D43'26.4" E A DISTANCE OF 49,488.45 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. NGS STATION O'MALLEY HAS ANCHORAGE BOWL 2000 COORDINATES OF 303939.2310 N, 353362.5446 E.

TRANSLATION PARAMETERS: TO CONVERT THE LOCAL COORDINATES TO NAD83 (92) STATE PLANE COORDINATES, TRANSLATE USING +2296868.6878 N, +1312517.4905 E, AND SCALE USING 0.9998910192.

VERTICAL DATUM

VERTICAL DATUM IS MUNICIPALITY OF ANCHORAGE NGS 1972 ADJUSTMENT IN U.S. FEET. THE BASIS OF ELEVATIONS IS "TBM CHURCH" ELEVATION 68.81 FEET. REFERENCE M.O.A. FIELD BOOK NO. 3147 PAGE 20.

ADDITIONALLY M.O.A. BENCHMARK "GAAB 39", ELEVATION=62.20' WAS USED. REFERENCE M.O.A. FIELD BOOK NO. 3147, PAGE 20.



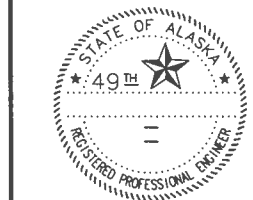
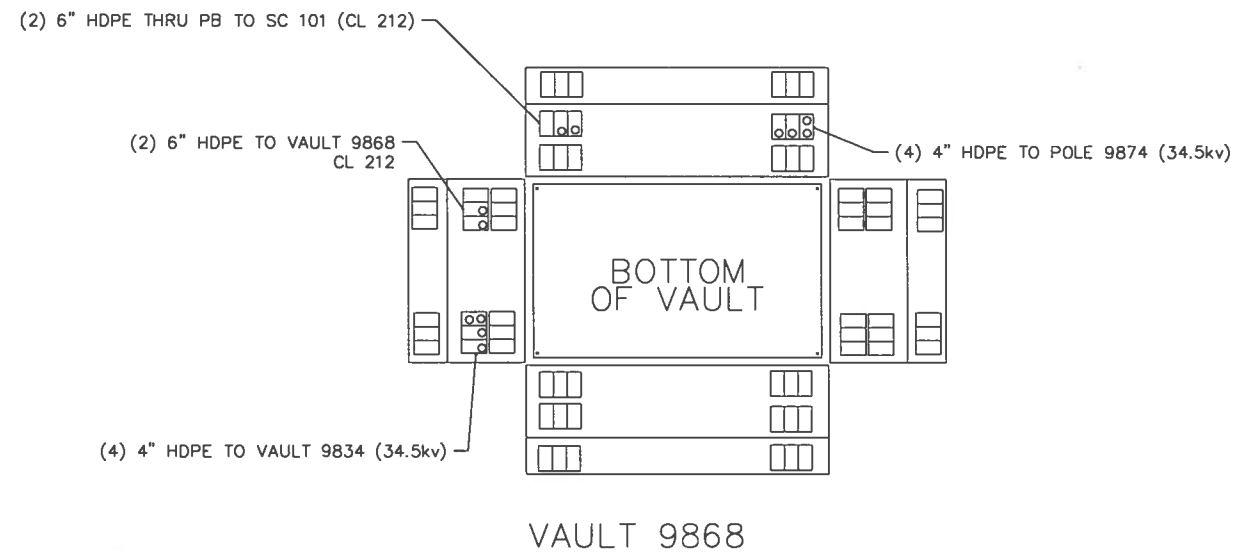
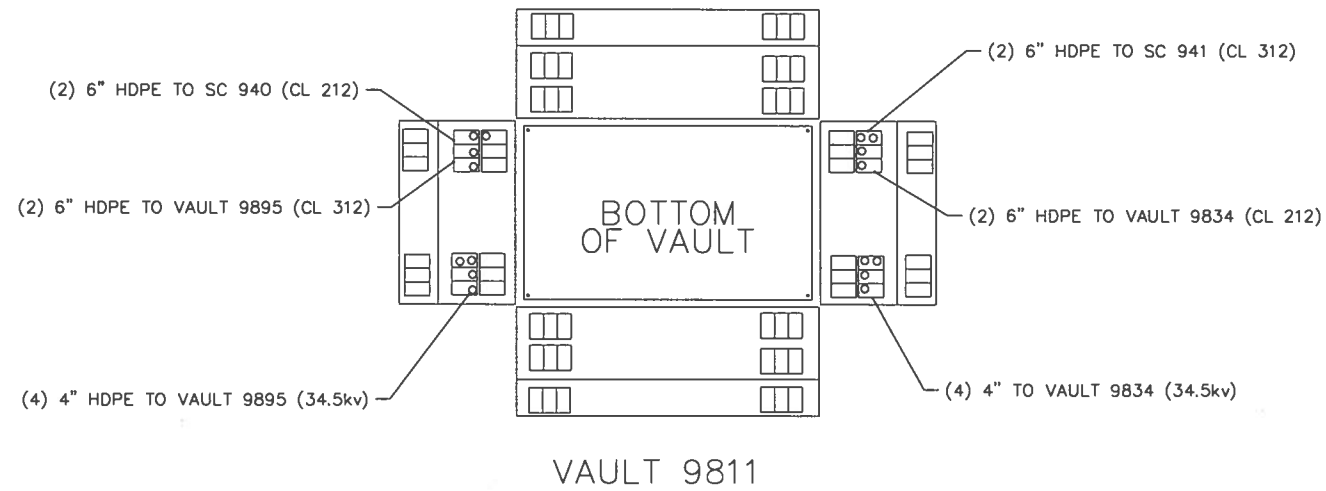
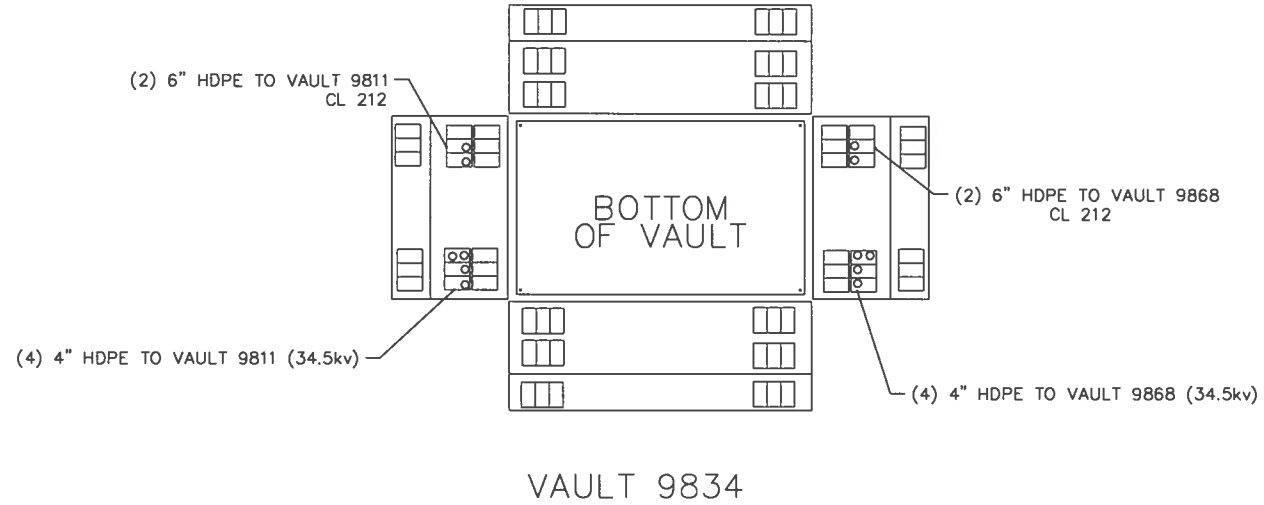
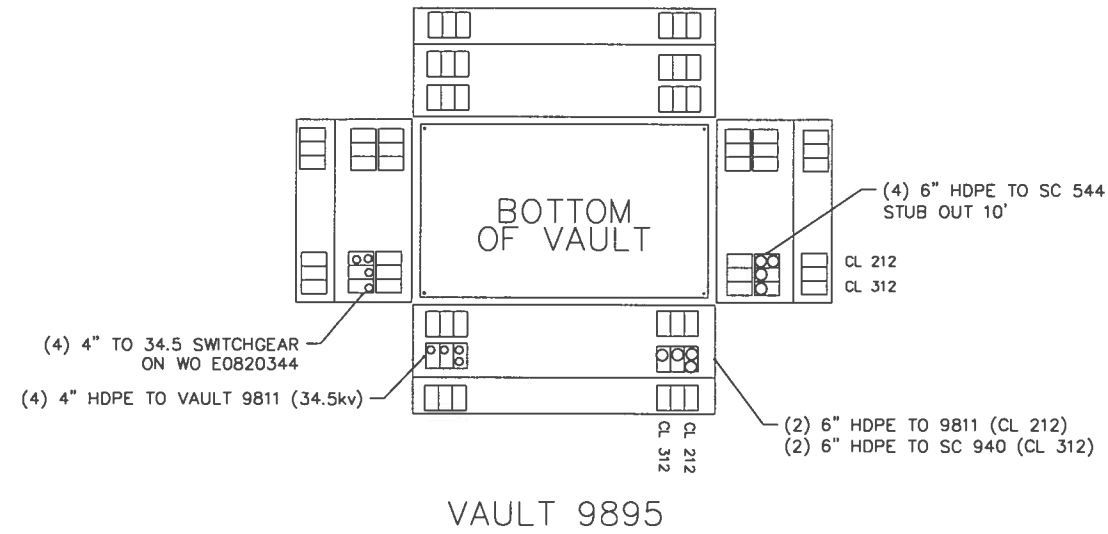
CONSULTANT LOCATIONS
SURVEYORS CERTIFICATE
CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE

DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RIGHT OF WAY MAP ALASKA PROJECT NO. STP-0001(232) 55027 VICTOR ROAD IMPROVEMENTS DIMOND BLVD. TO 100TH AVE.		
DRAWN	BJR/DJB	DATE 04/18/08
CHECKED	DMP	DATE 05/09/08
SCALE	NA	SHEET 7 OF 7

LOUNSBURY PROJECT NUMBER XX-XXX
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DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
PLOT DATE 03/28/2011
PLOT BY Tom Garrett

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	U1	U18



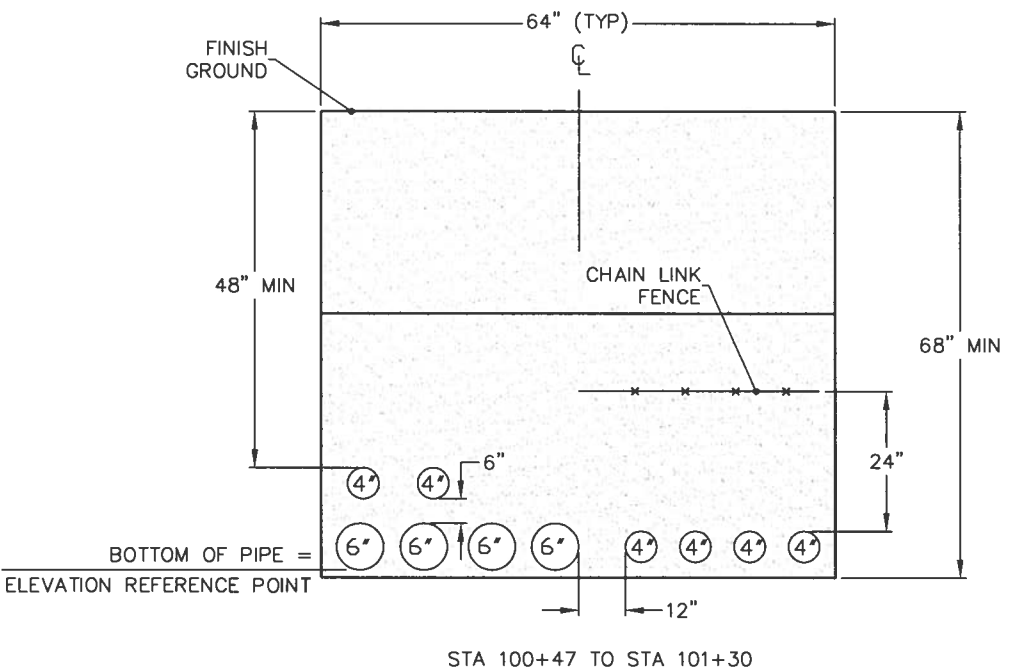
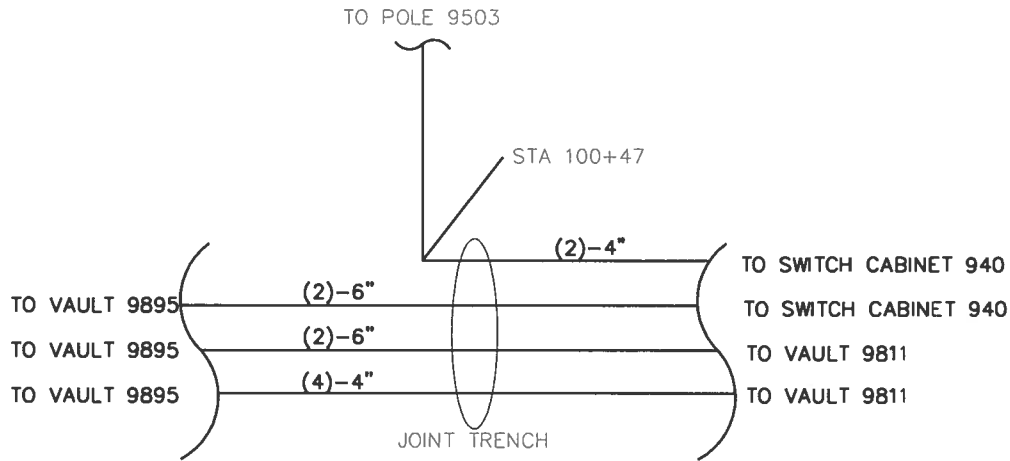
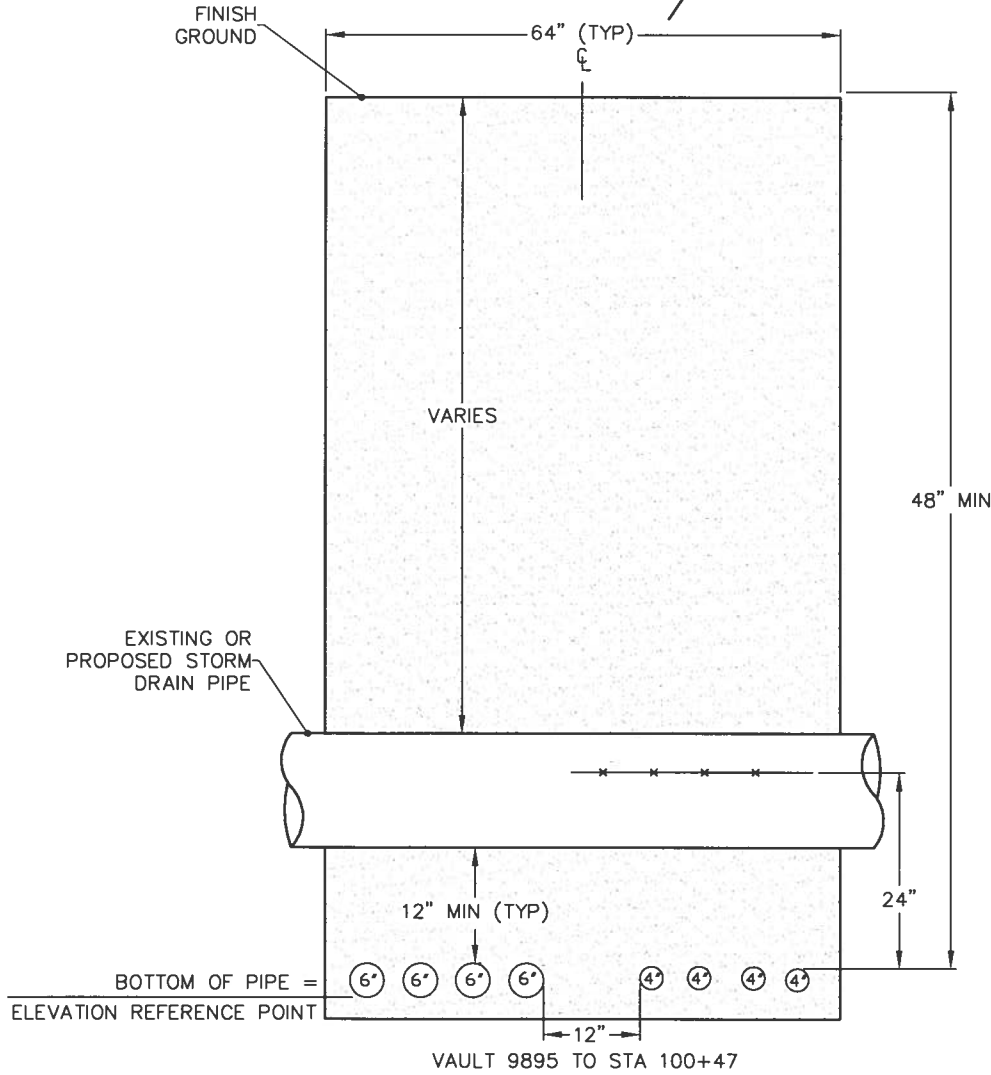
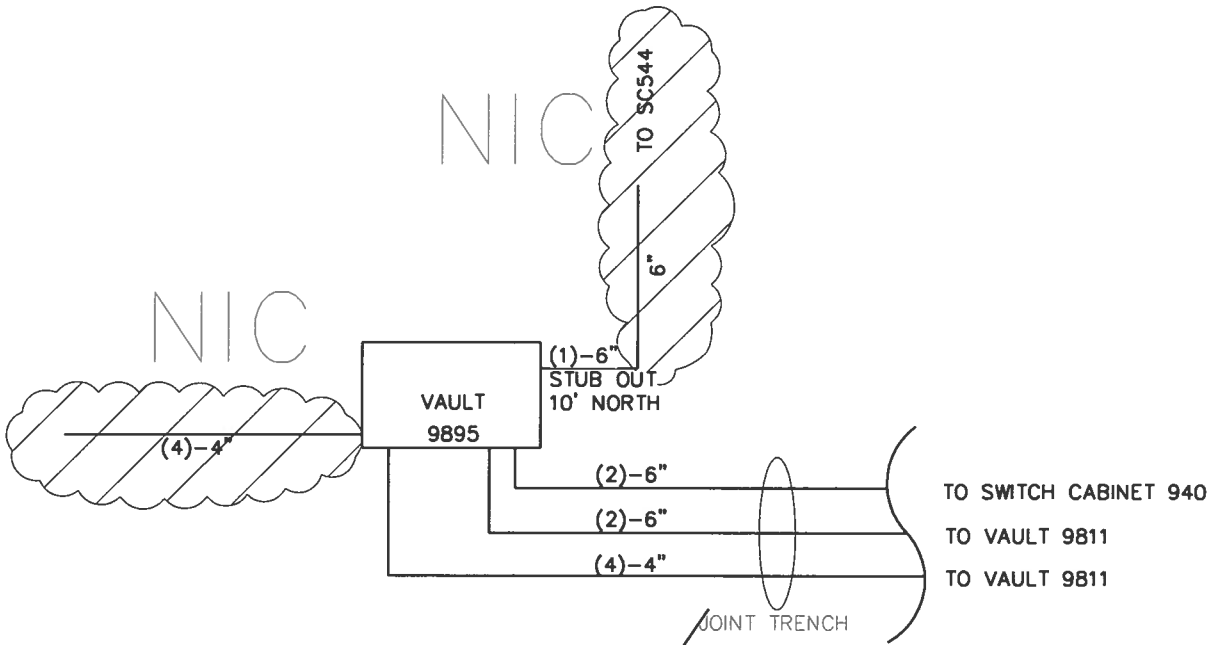
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LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD OVERHEAD TO
UNDERGROUND CONVERSION VAULTS
VAULT DETAILS

LOUNSBURY PROJECT NUMBER: XX-XXX
COMPUTER DESIGNATION: T:\Project\2001\01-046_B-2009\ENC\DELIVER\PLOT-Bld-Check\UI-U13_Utility-Trench\ENC\ENC.dwg
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
PLOTTED BY: Tom Correll
03/28/2011 2:10 PM

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	U2	U18





STATE OF ALASKA
49th
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

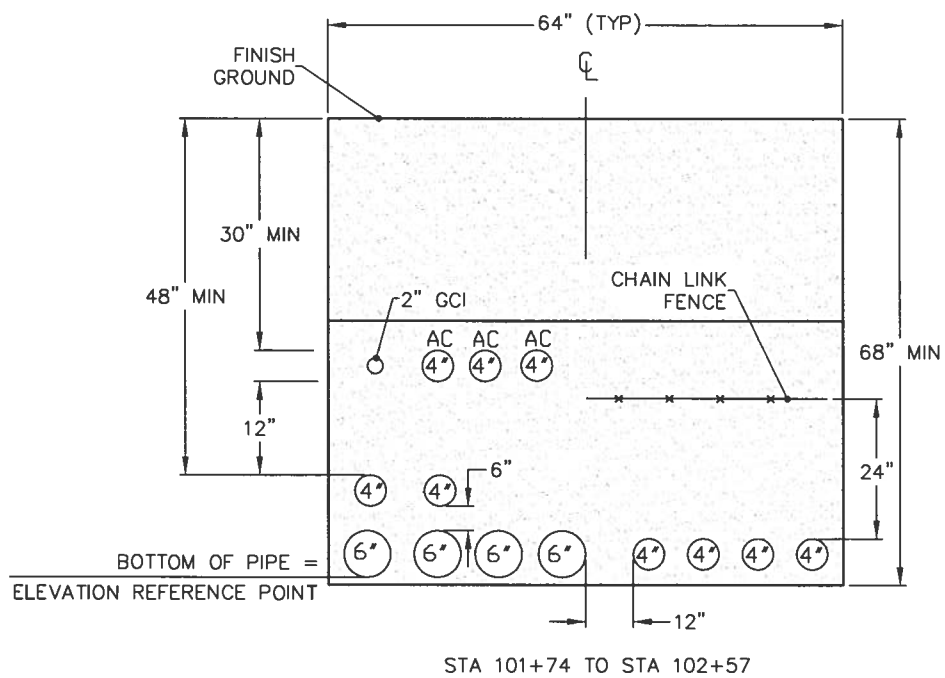
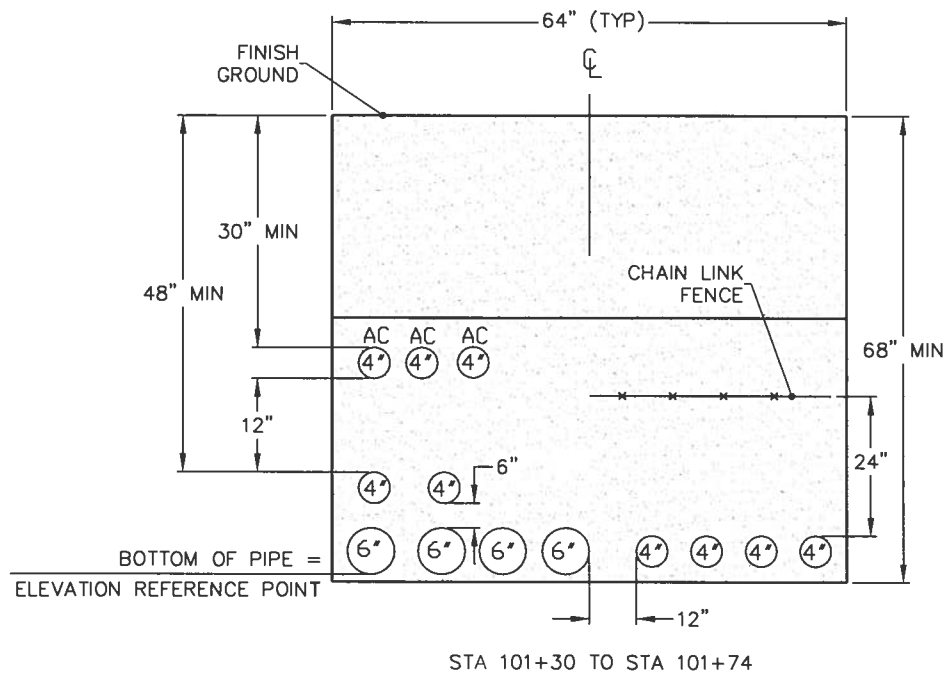
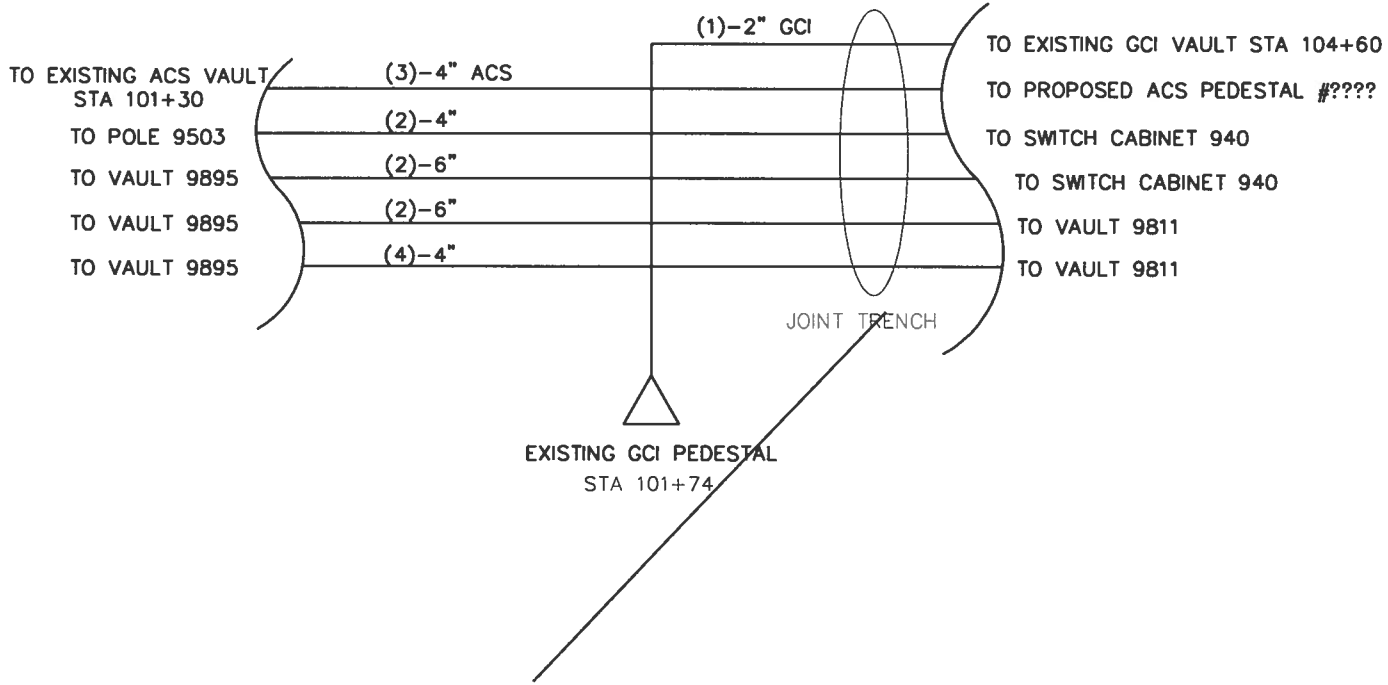
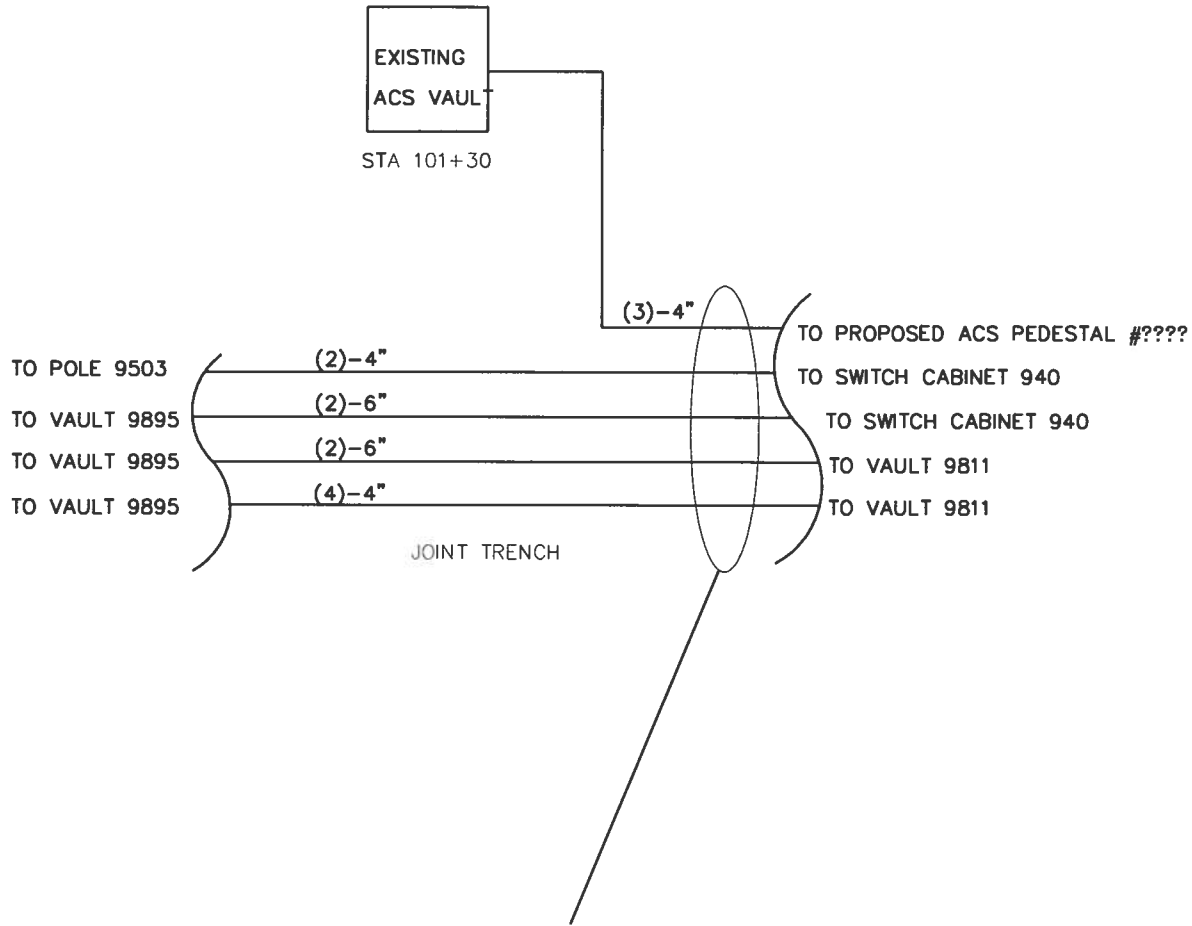
VICTOR ROAD OVERHEAD TO
UNDERGROUND CONVERSION VAULTS
TRENCH DETAILS

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

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DESIGNED BY: LLOUNSBURY & ASSOCIATES, INC.
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PLOTTED BY: Tom Garrell
03/28/2011 2:00 PM

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	U3	U18



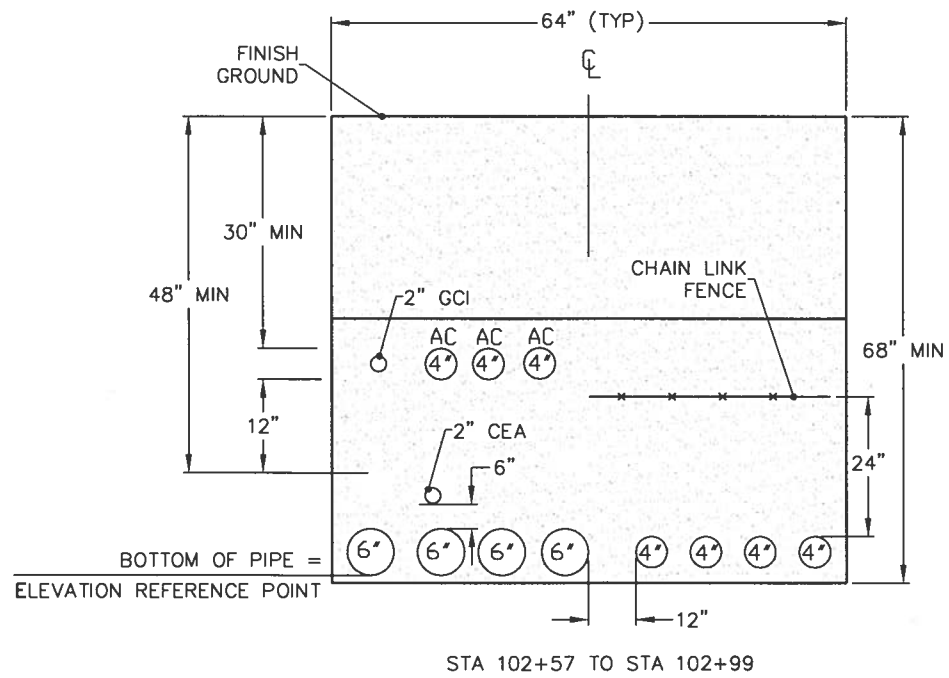
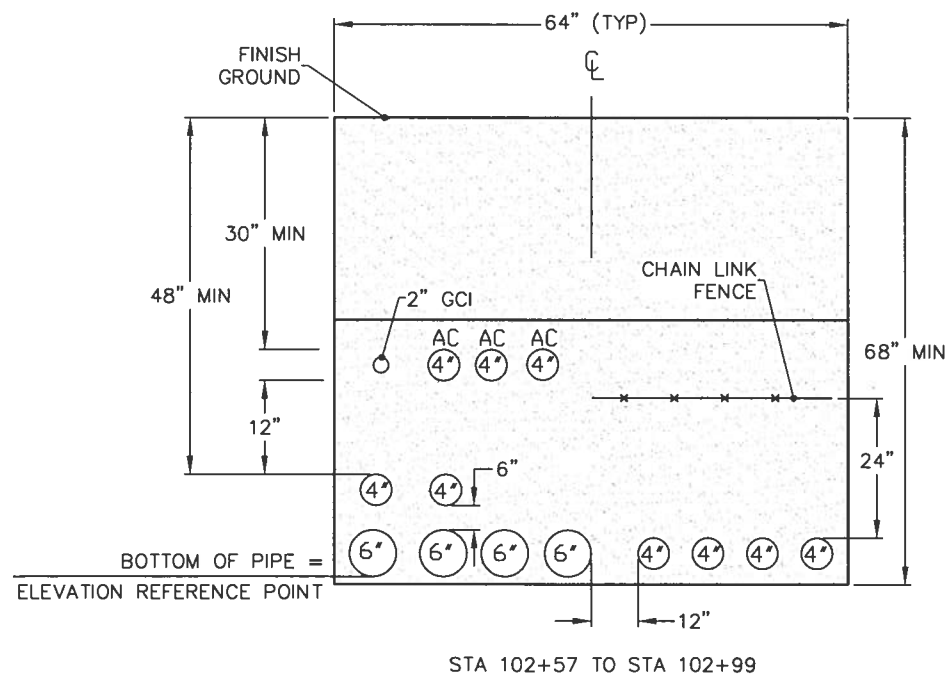
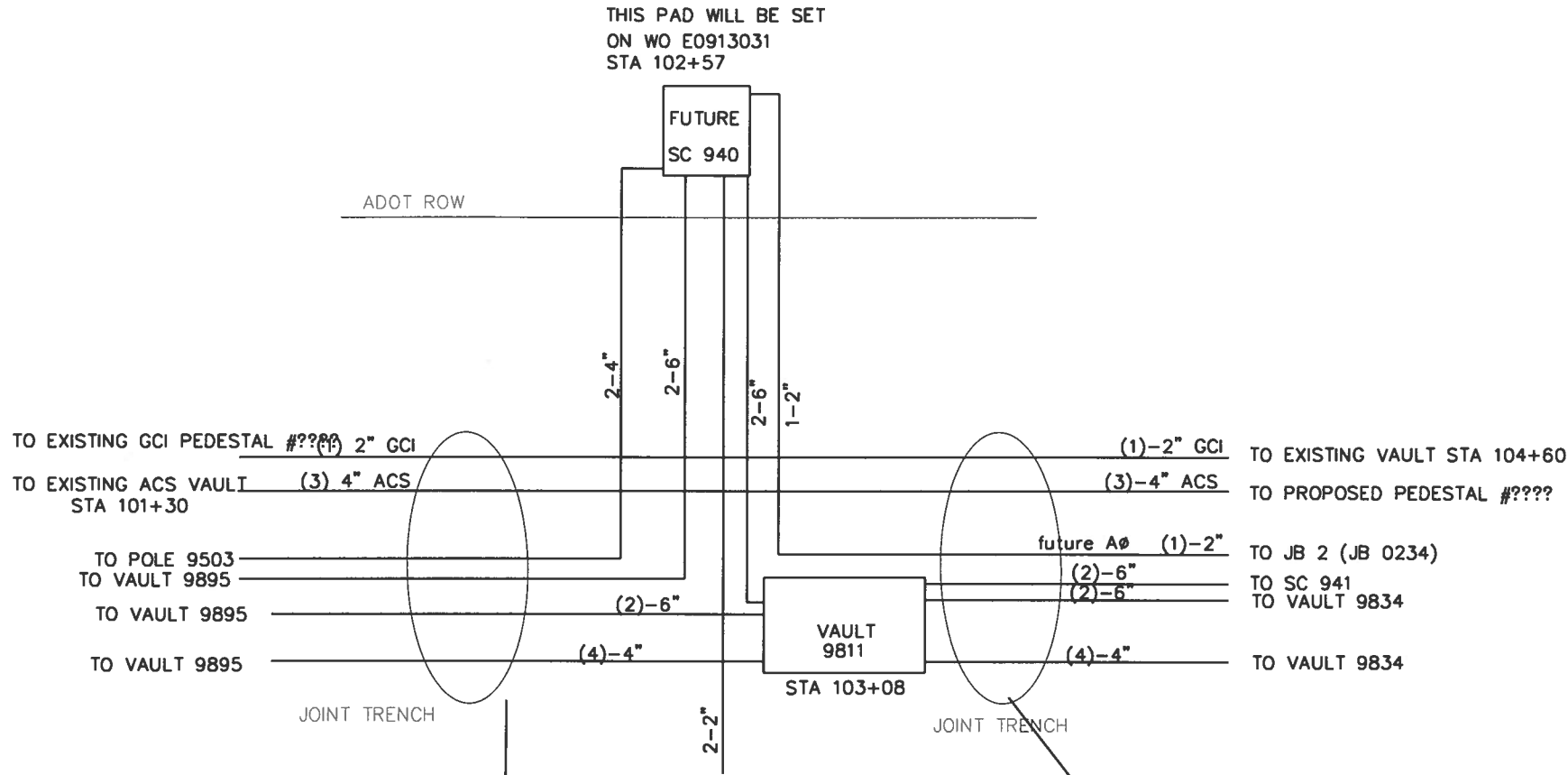
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD OVERHEAD TO
UNDERGROUND CONVERSION VAULTS
TRENCH DETAILS

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

LOUNSBURY PROJECT NUMBER XX-XXX
T:\Project\2001\01-046_B-2009\ENC\DELIVER\Plot-Bld-Check\UI-U13_Utility-Trench\ENC\ENC.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNATION
PLOTTED BY Tom Garrett
03/28/2011 2:10 PM

CERTIFICATION SET



REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	U4	U18

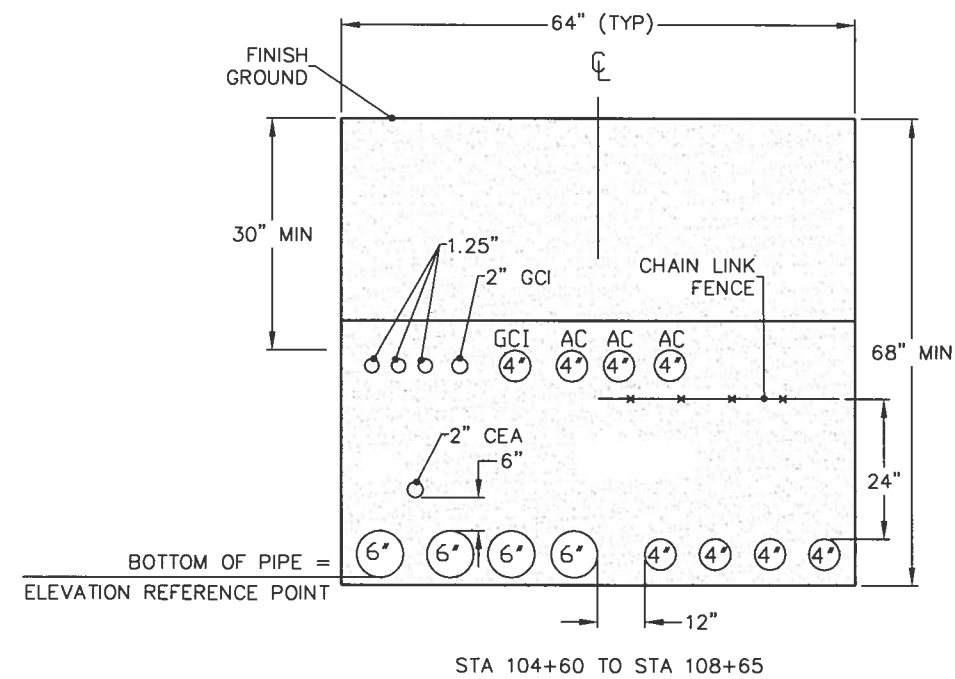
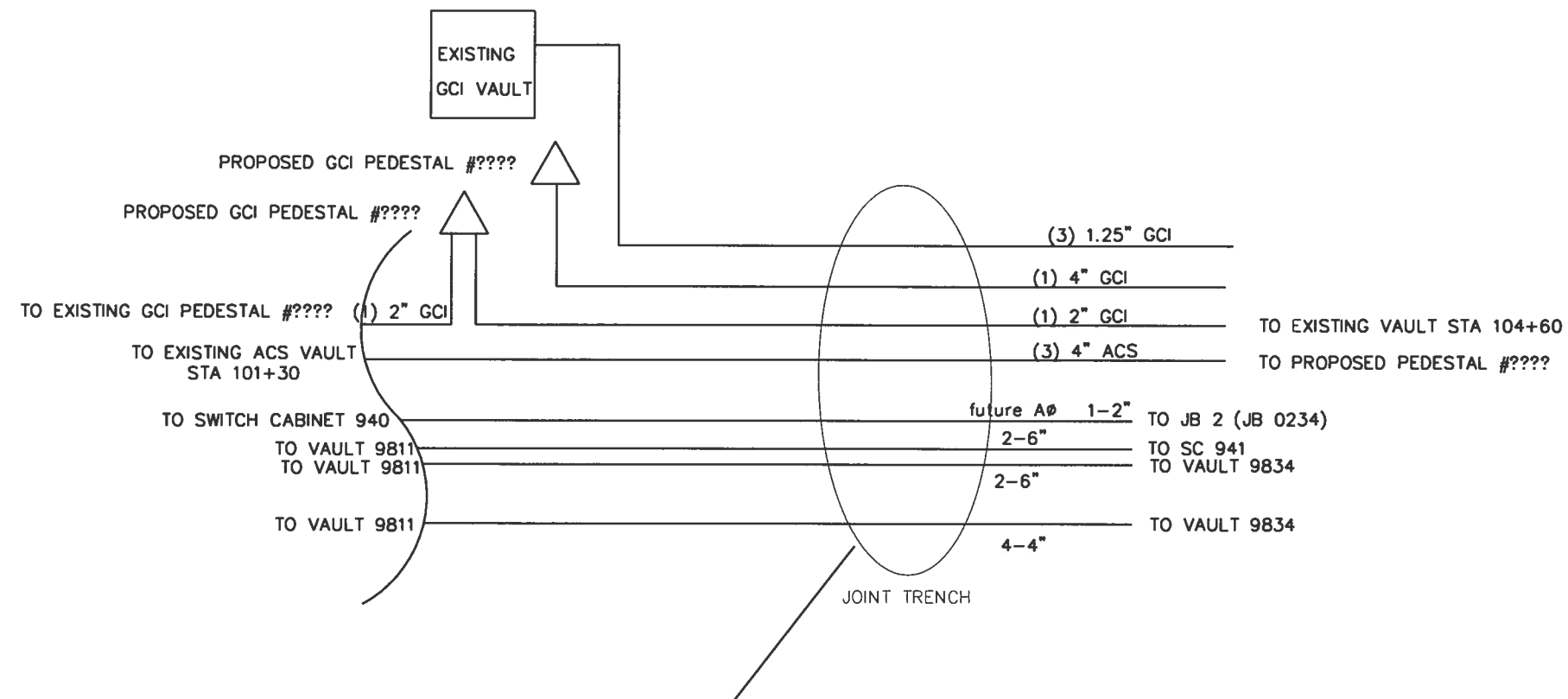


Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD OVERHEAD TO
UNDERGROUND CONVERSION VAULTS
TRENCH DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD OVERHEAD TO
UNDERGROUND CONVERSION VAULTS
TRENCH DETAILS

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

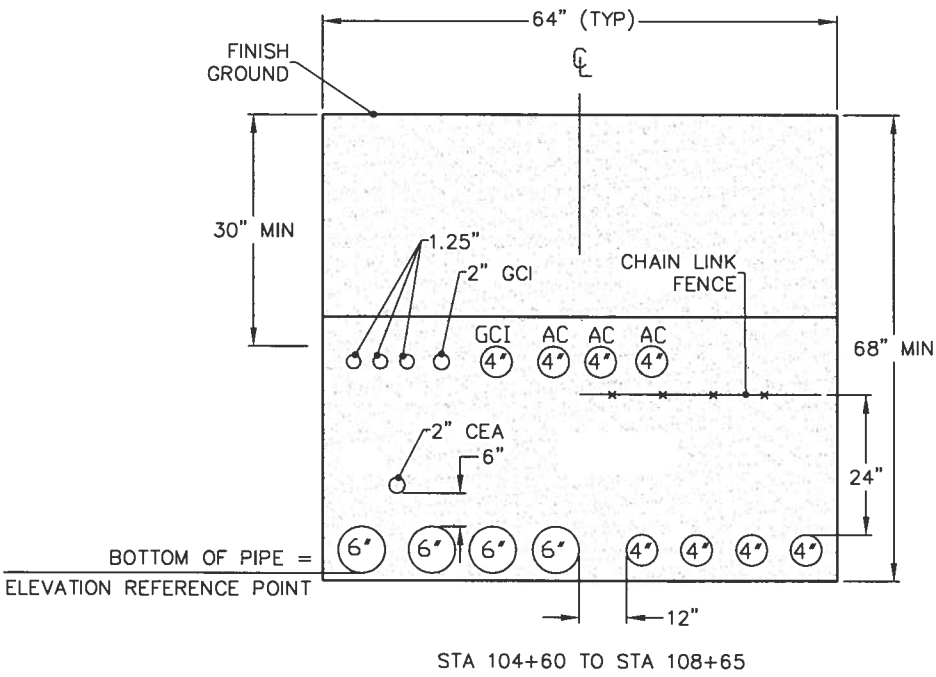
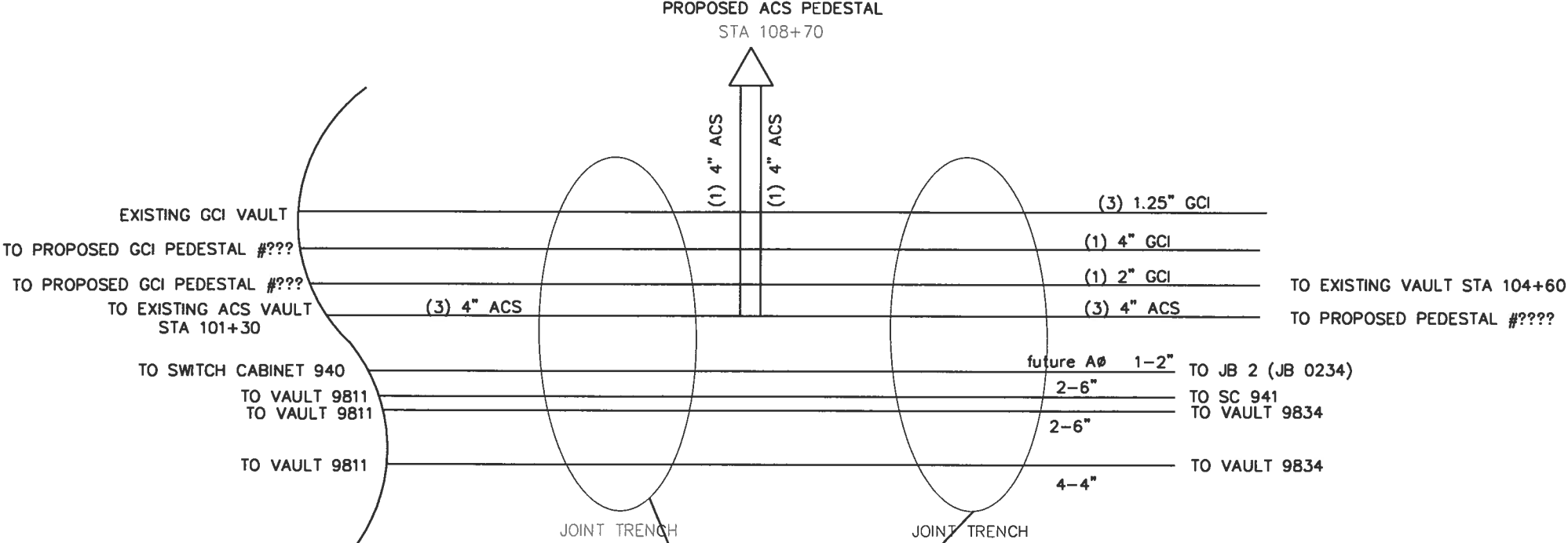
XX-XXX	DESIGNED BY	LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNATION	PROJECT	PHONE: 603.282.4494
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PLOTTED BY	Tom Garrett	03.28.2012
		UNAPPROVED BY

CERTIFICATION SET

LOUNSBURY PROJECT NUMBER: XX-XXX
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DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
03.28.2011 2:10 DRAFTED BY: Tom Garrett
PLOTTED BY:

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	U6	U18



STATE OF ALASKA
4938
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

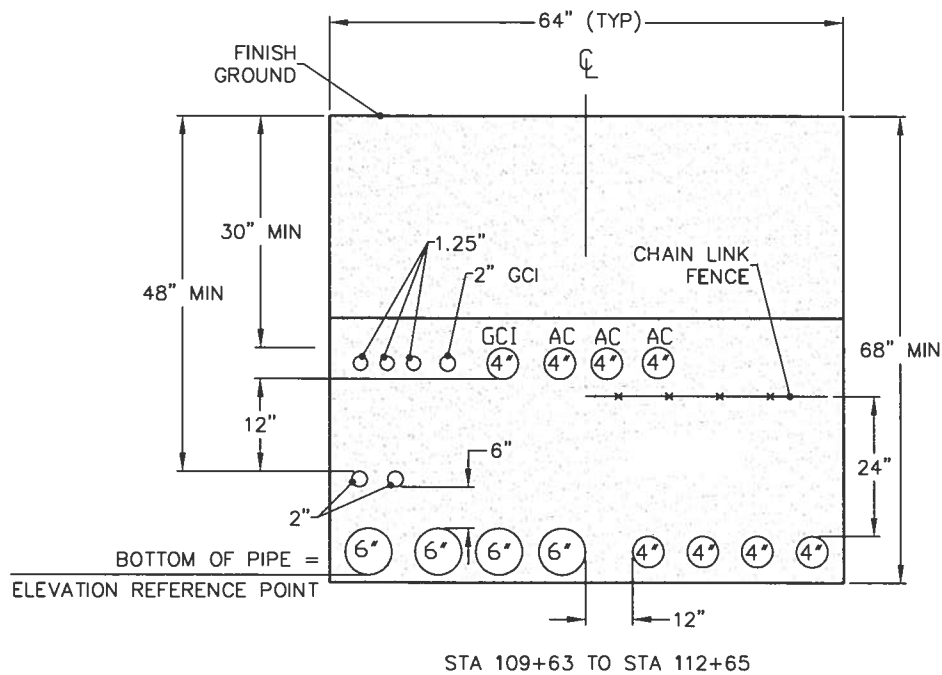
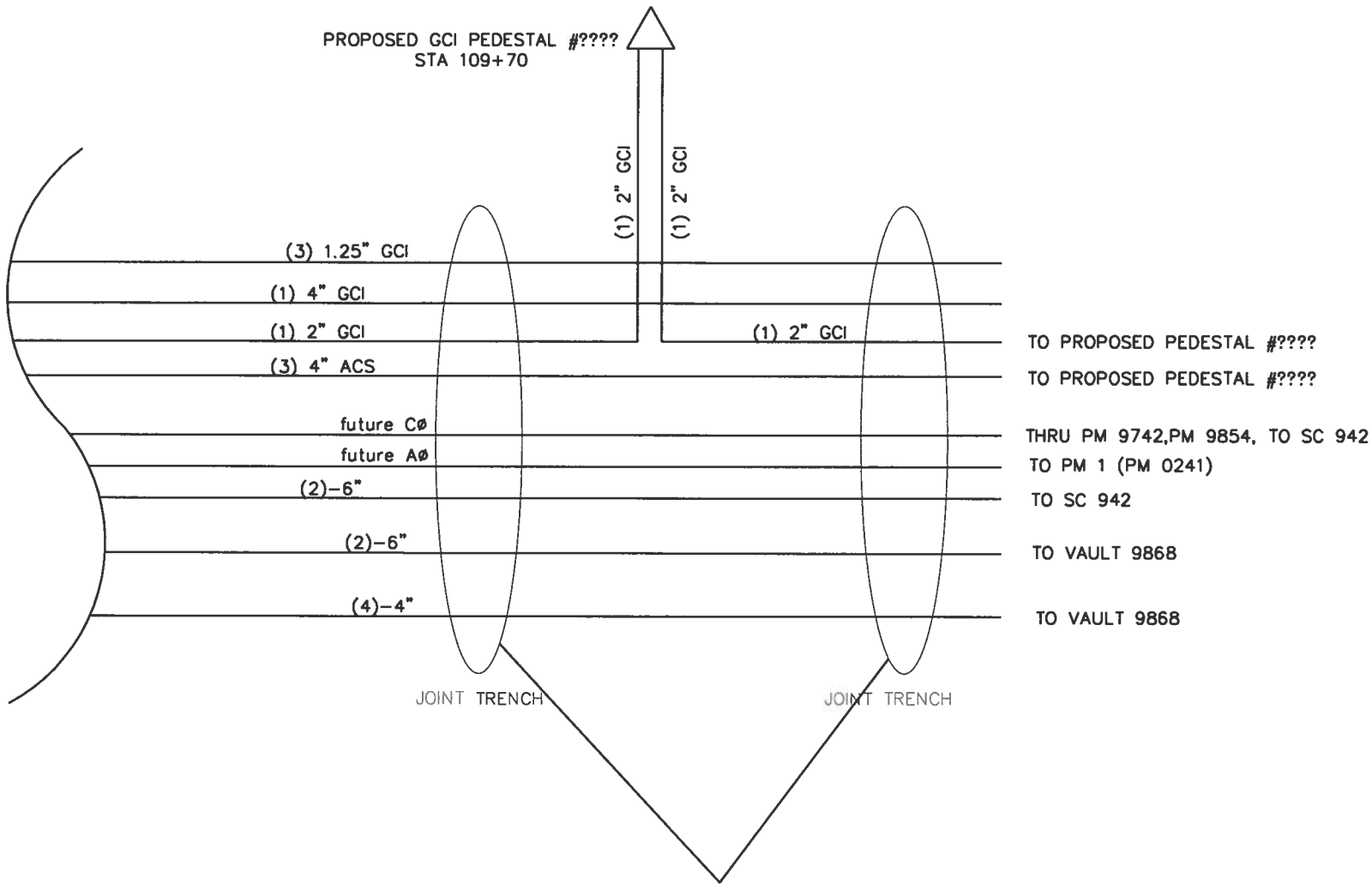
VICTOR ROAD OVERHEAD TO
UNDERGROUND CONVERSION VAULTS
TRENCH DETAILS

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

LOUNSBURY PROJECT NUMBER: XX-XXX
COMPUTER DESIGNATION: T:_Project\2001\01-046_B-2009\ENG_DELIVER\Prel-Bid-Check\U1-U13_Utility-Transform\BME\BME.dwg
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
03.28.2011
DRAFTED BY: Tom Garrett
PLOTTED BY:

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	U8	U18



Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

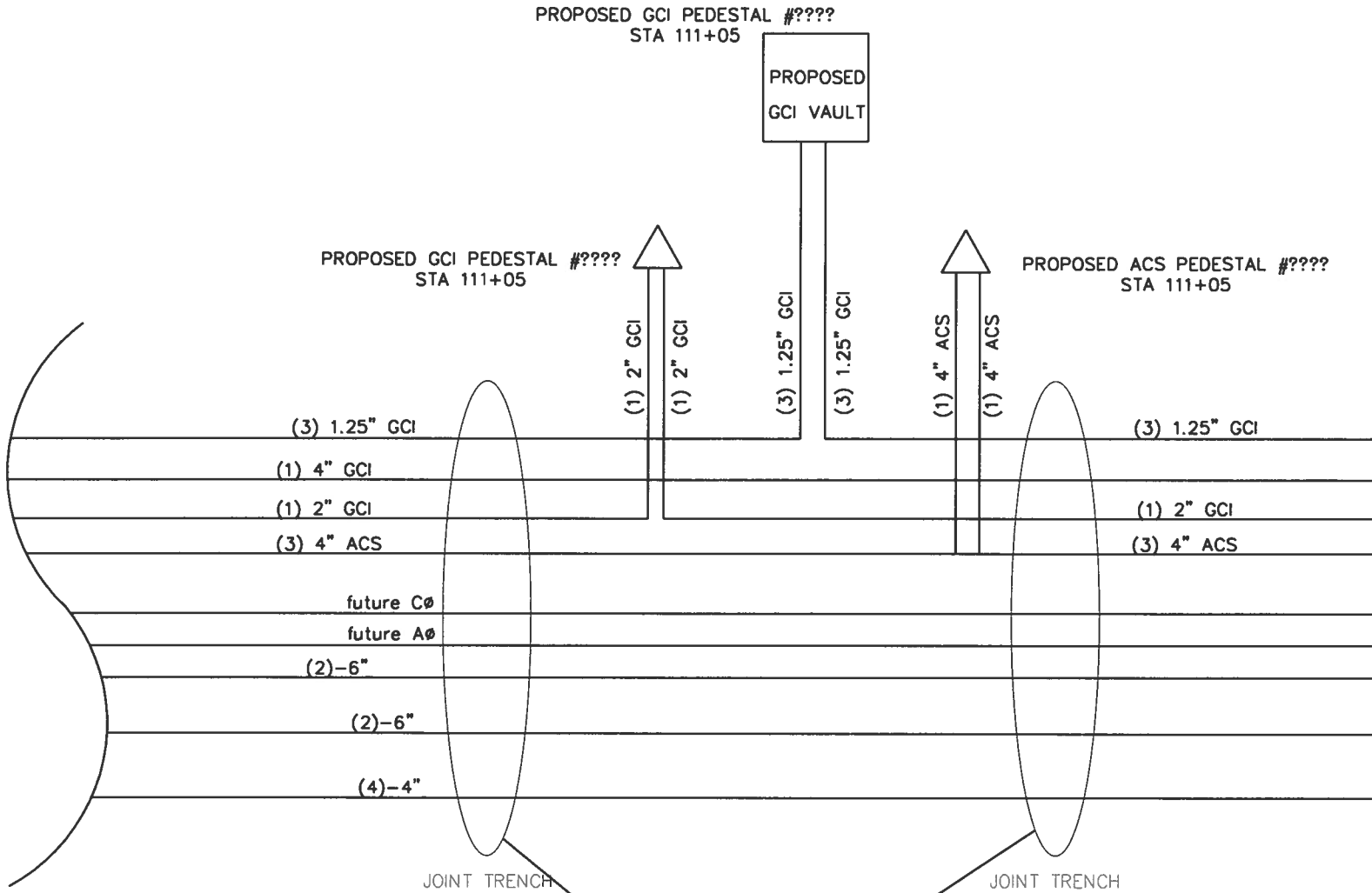
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD OVERHEAD TO
UNDERGROUND CONVERSION VAULTS
TRENCH DETAILS

LOUNSBURY PROJECT NUMBER: XX-XXX
COMPUTER DESIGNATION: T:\Project\2001\01-046_B-2009\ENG\DELIVER_Plot-Check\U1-U13_Utility-Trench\BREGORNA.dwg
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
03.28.2011
DRAFTED BY: Tom Corbett
PLOTTED BY: Tom Corbett

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	U9	U18

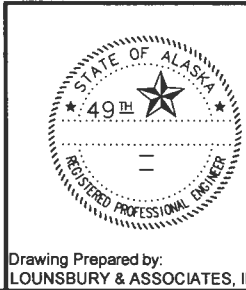
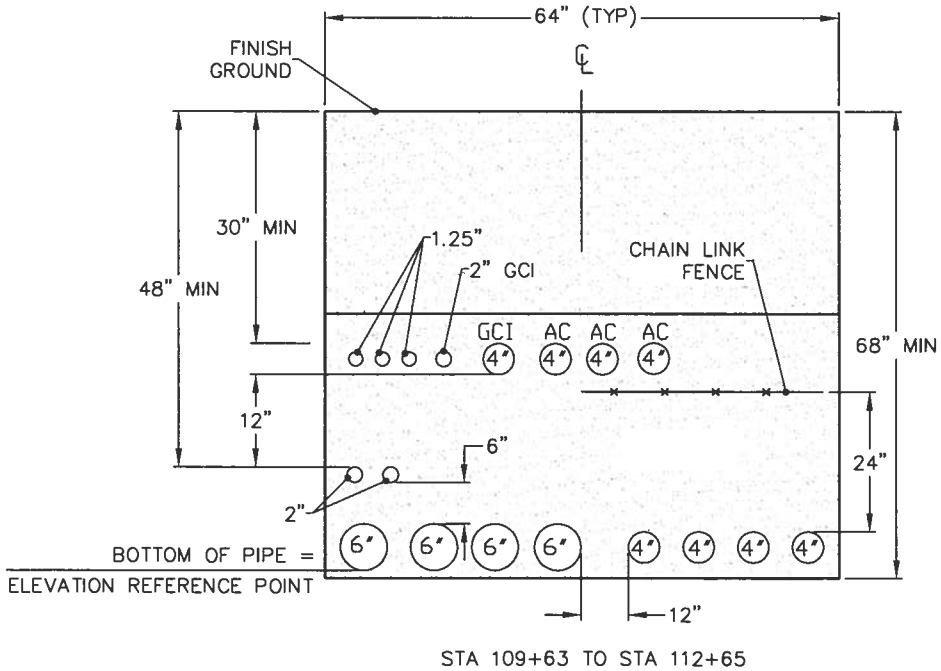


TO PROPOSED PEDESTAL #????
TO PROPOSED PEDESTAL #????

THRU PM 9742, PM 9854, TO SC 942
TO PM 1 (PM 0241)
TO SC 942

TO VAULT 9868

TO VAULT 9868



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

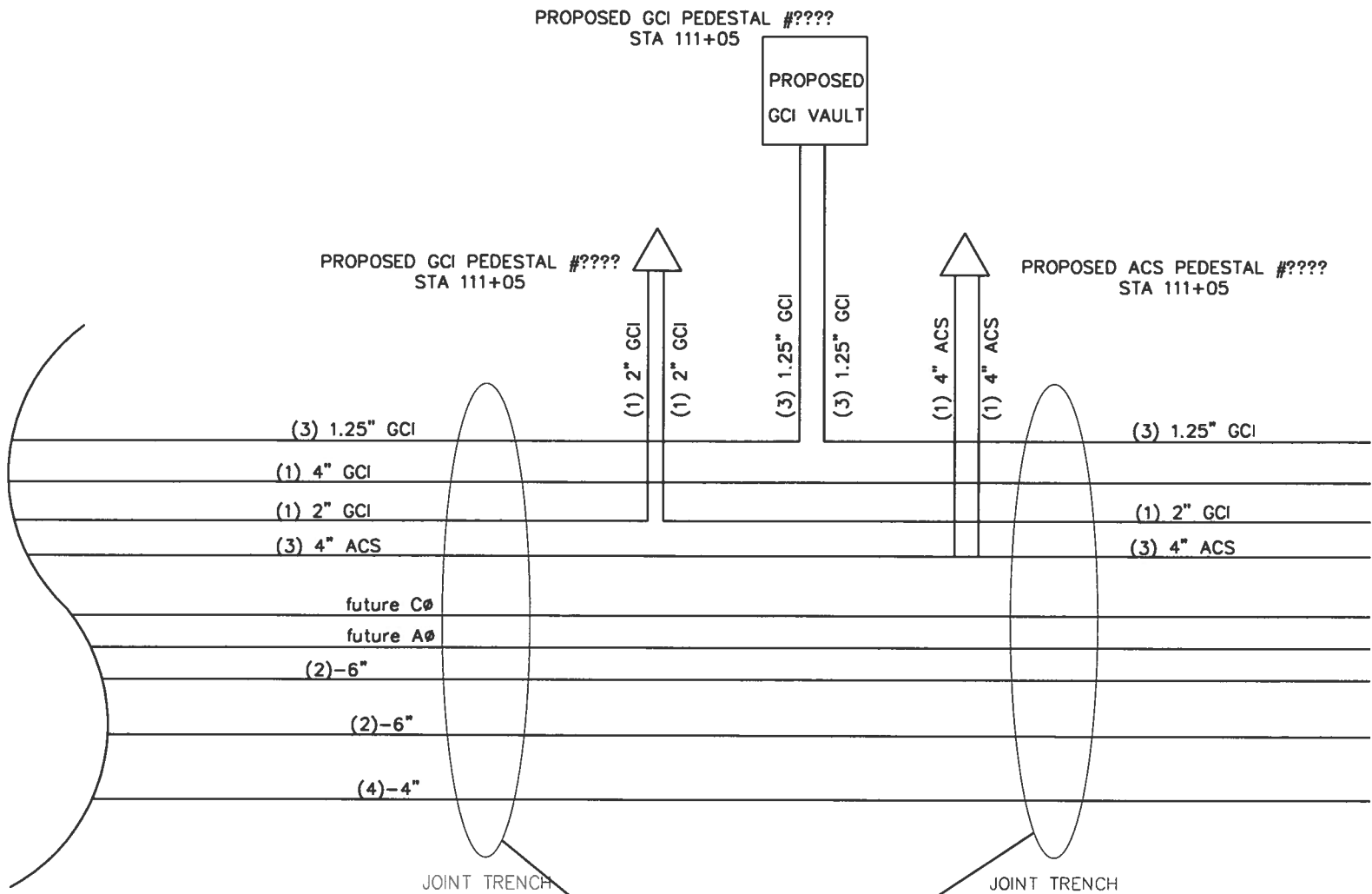
VICTOR ROAD OVERHEAD TO
UNDERGROUND CONVERSION VAULTS
TRENCH DETAILS

Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

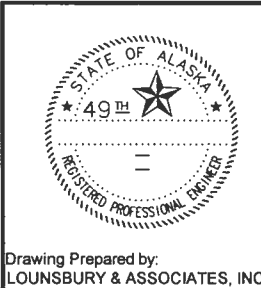
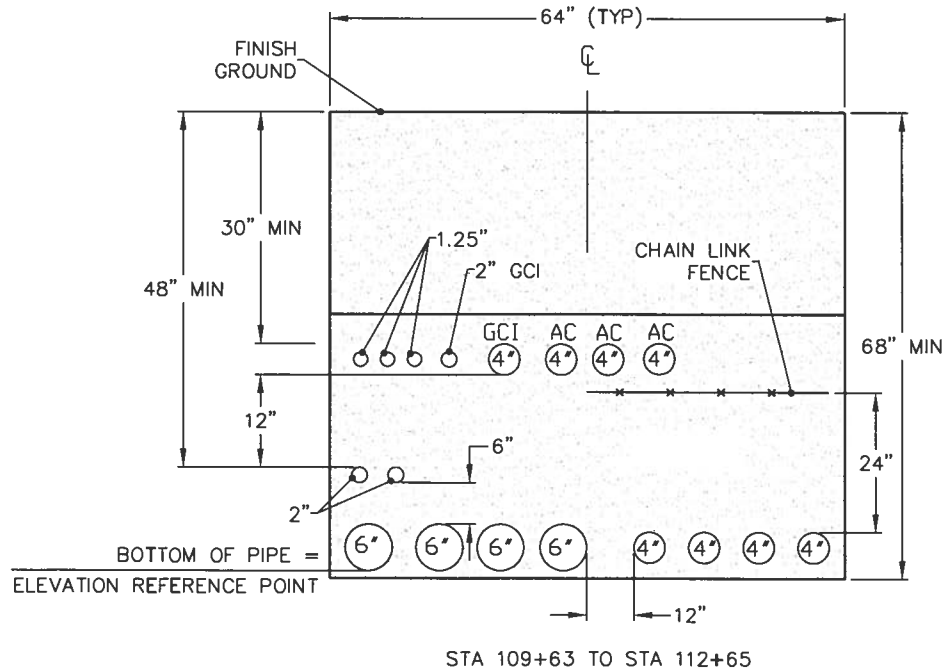
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DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
COMPUTER DESIGNATION: T:_Project\2001\01-046-B-2009-ENG-DELIVER-Plot-Check-UI-UI-13-Utility-Transfer-Engineering-046
PLOTTED BY: Tom Garrett
03/28/2011 2:10 PM

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
			ALASKA	STP-0001(232)/55027	2011	U10	U18



TO PROPOSED PEDESTAL #???
TO PROPOSED PEDESTAL #???
THRU PM 9742, PM 9854, TO SC 942
TO PM 1 (PM 0241)
TO SC 942
TO VAULT 9868
TO VAULT 9868

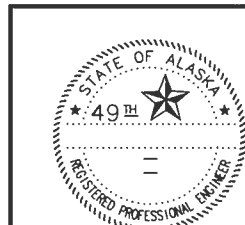
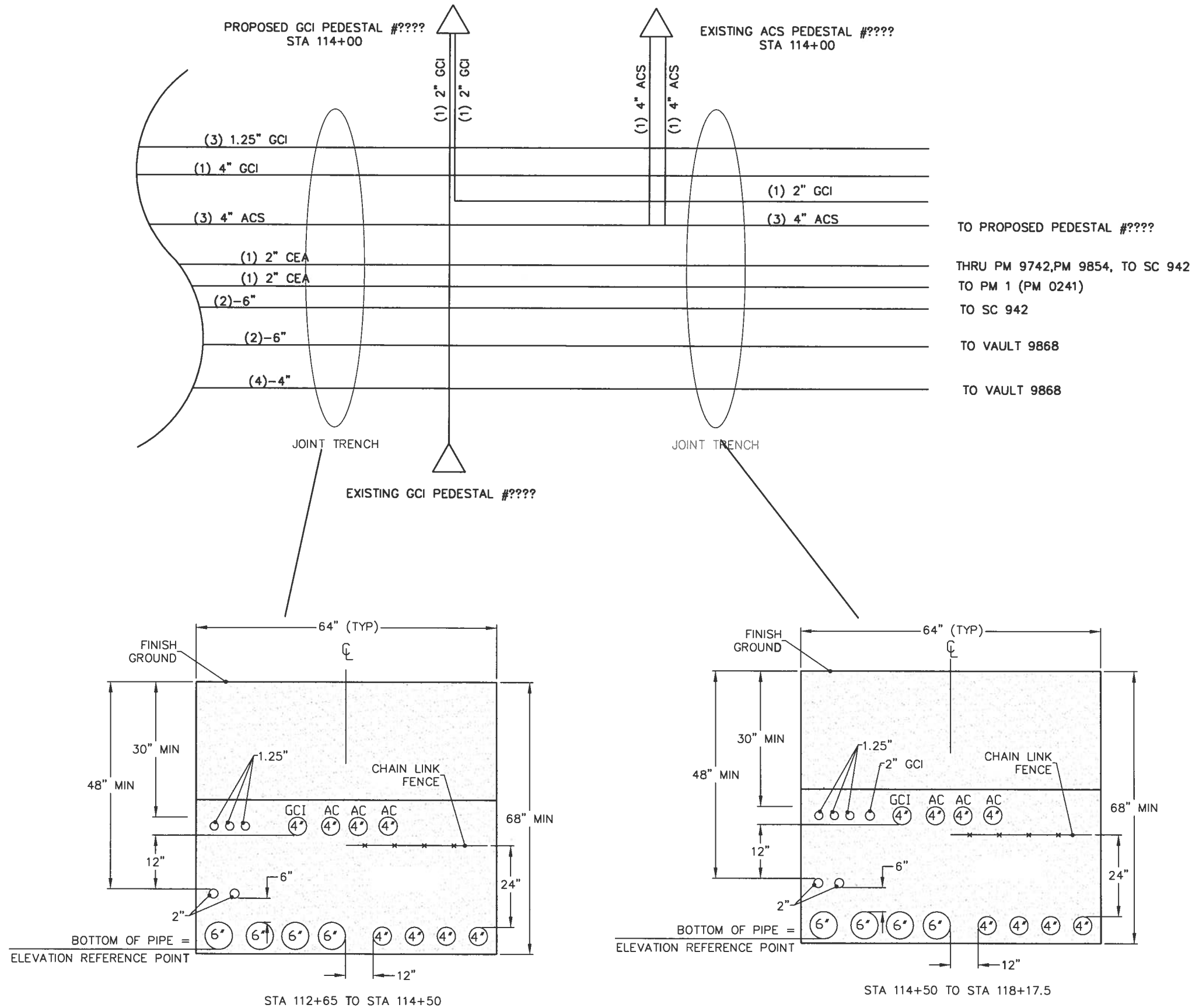


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD OVERHEAD TO
UNDERGROUND CONVERSION VAULTS
TRENCH DETAILS
Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

LOUNSBURY PROJECT NUMBER: XX-XXX
COMPUTER DESIGNATION: T:\Project\2001\01-046_B-2009\ENG\DELIVER\Prel-Check\U1-U13_Utility-Trench\BMEGDMack.dwg
DESIGNED BY: LOUNSBURY & ASSOCIATES, INC.
03.28.2011 2:18RAFTED BY: Tom Garrett

CERTIFICATION SET

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	STP-0001(232)/55027	2011	U12	U18



Drawing Prepared by:
LOUNSBURY & ASSOCIATES, INC.

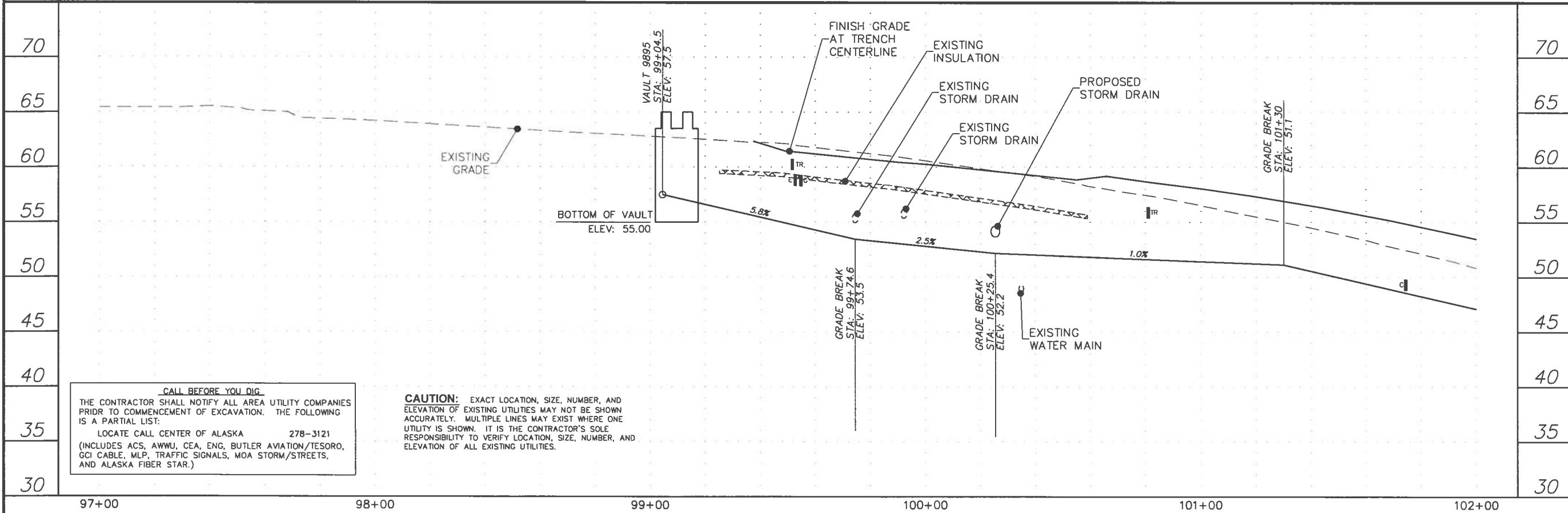
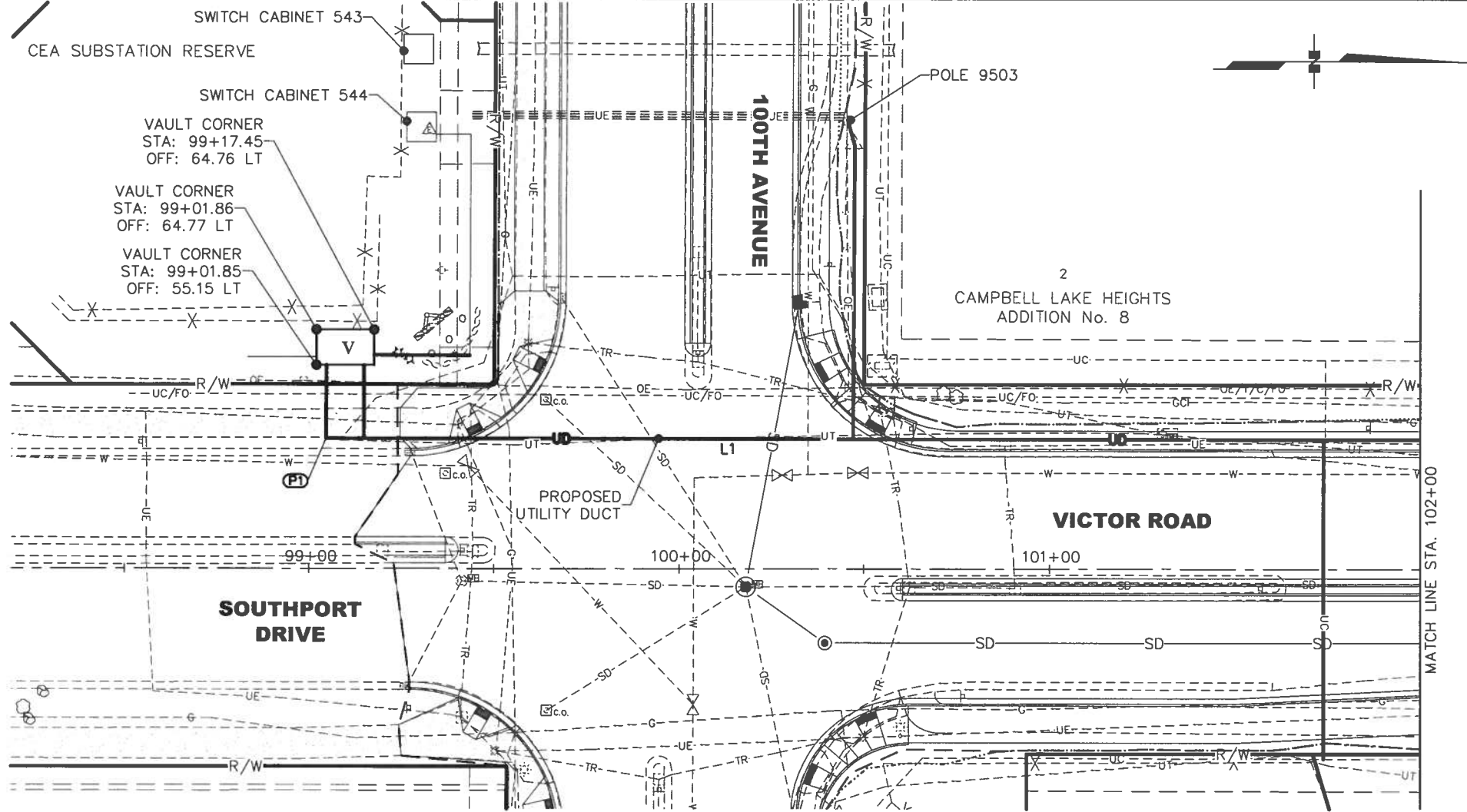
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD OVERHEAD TO
UNDERGROUND CONVERSION VAULTS
TRENCH DETAILS

LOUNSBURY PROJECT NUMBER 01-046.B
COMPUTER DESIGNATION T:\Project\2001\01-046.B-2009\ENG\DELIVERY_Plot-Bld-Check\U14-U18_Utility-Map-Cable-Net.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
PLOTTED BY Tom Garrett
03/29/2011 1:39
DRAFTED BY

CERTIFICATION SET

TRENCH CENTERLINE LAYOUT						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
L1	P1	99+04.54	35.28 LT	361.62	P2	N0°9'33"W



CALL BEFORE YOU DIG
THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:
LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

CAUTION: EXACT LOCATION, SIZE, NUMBER, AND ELEVATION OF EXISTING UTILITIES MAY NOT BE SHOWN ACCURATELY. MULTIPLE LINES MAY EXIST WHERE ONE UTILITY IS SHOWN. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY LOCATION, SIZE, NUMBER, AND ELEVATION OF ALL EXISTING UTILITIES.

SHEET NO.	TOTAL SHEETS	
U14	U8	
STATE	YEAR	
ALASKA	2010	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

FINAL PS&E

STATE OF ALASKA
49th
REGISTERED PROFESSIONAL ENGINEER

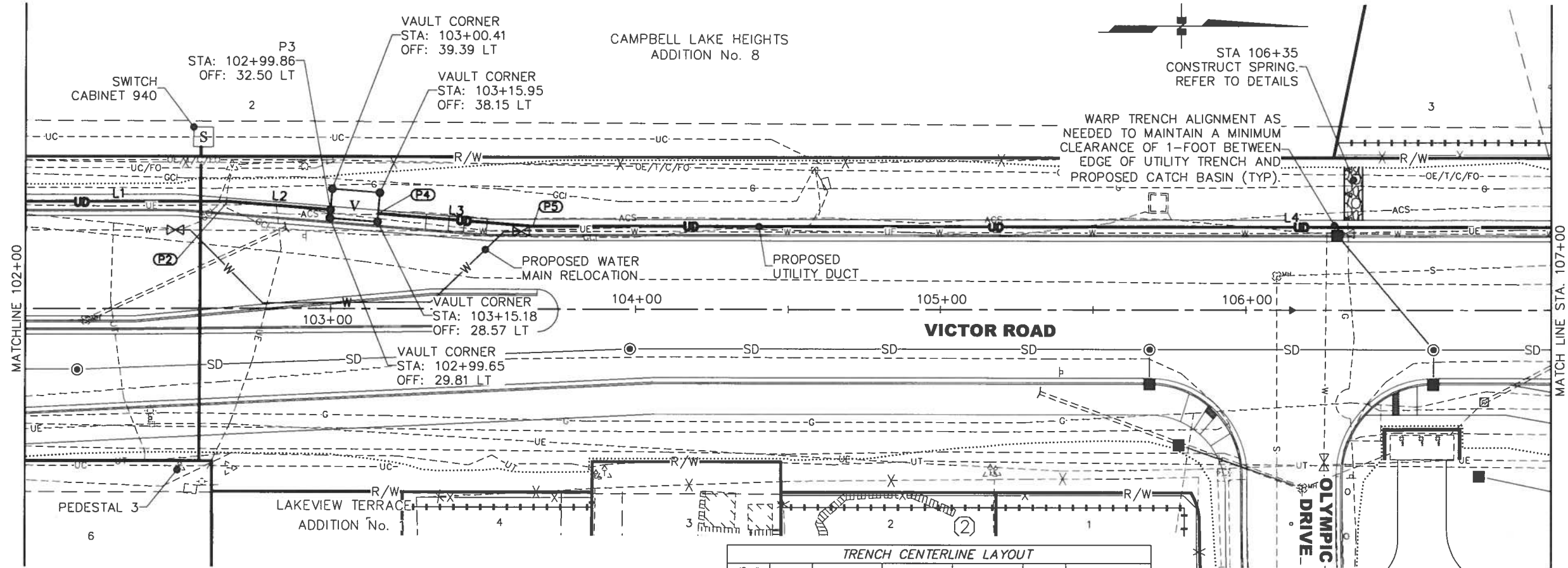
Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

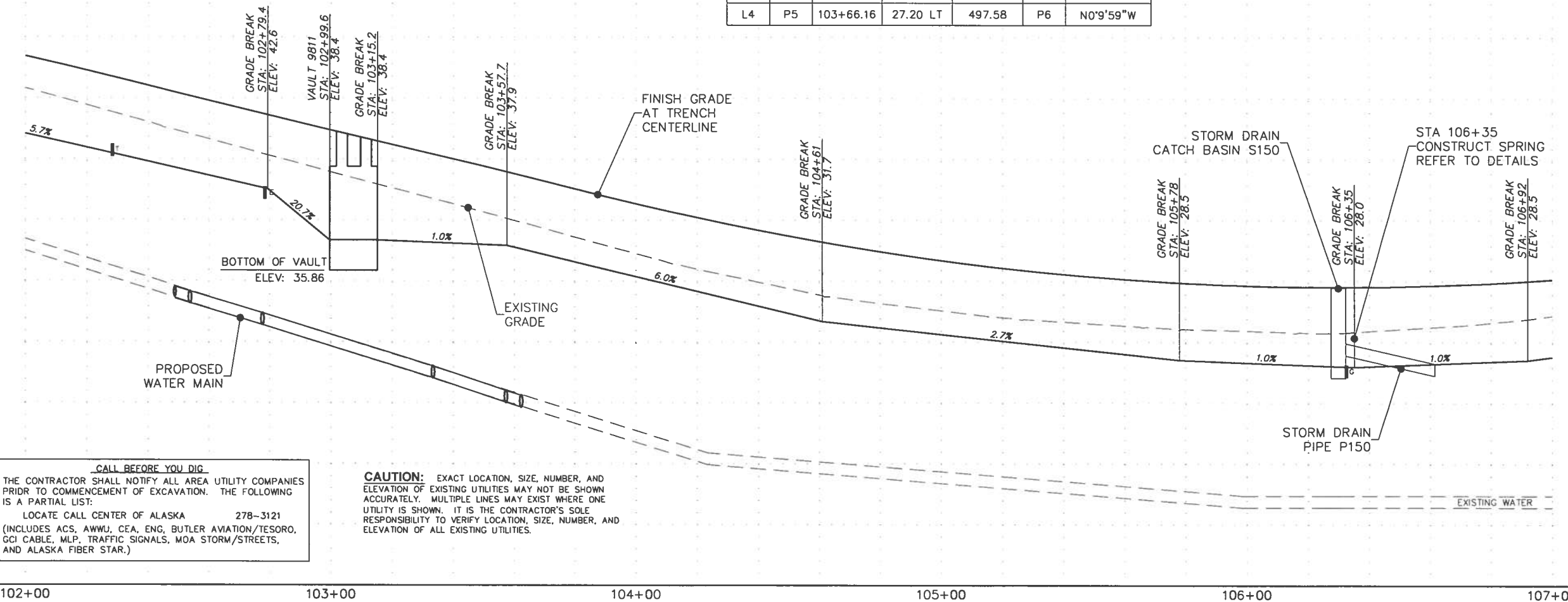
ELEVATION VIEW
UTILITY DUCT TRENCH
BOP TO 102+00

LOUNSBURY PROJECT NUMBER 01-046.B
COMPUTER DESIGNATION T:\Project\2001\01-046.B-2009\ENG\DELIVER\Plat-Bid-Check\U14-U18_Utility-
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
CHECKED BY J. Garret
DATE 03-29-2011 2:06
DRAFTED BY

CERTIFICATION SET



TRENCH CENTERLINE LAYOUT						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
L1	P1	99+04.54	35.28 LT	361.62	P2	N0°9'33"W
L2	P2	102+66.15	35.20 LT	33.82	P3	N4°24'26"E
L3	P4	103+15.40	31.26 LT	50.92	P5	N4°24'26"E
L4	P5	103+66.16	27.20 LT	497.58	P6	N0°9'59"W



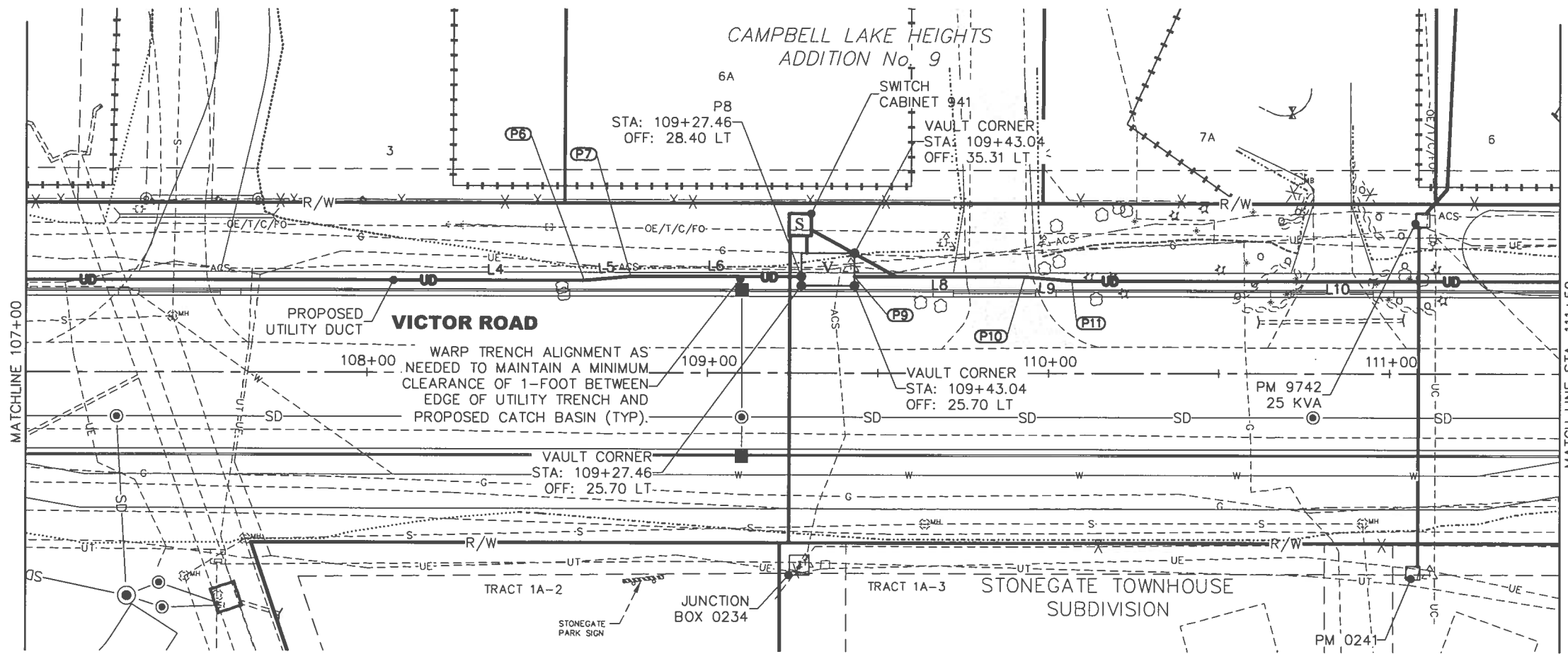
SHEET NO. U15
STATE ALASKA
PROJECT DESIGNATION STP-0001(232)/55027
ADDENDUM NO.
ATTACHMENT NO.
REVISIONS
NO. DATE DESCRIPTION

DIMOND BLVD
SEA PARROT CIRCLE
CANARY COURT
MINERVA WAY
VICTOR ROAD
OLYMPIC DRIVE
100th AVE.

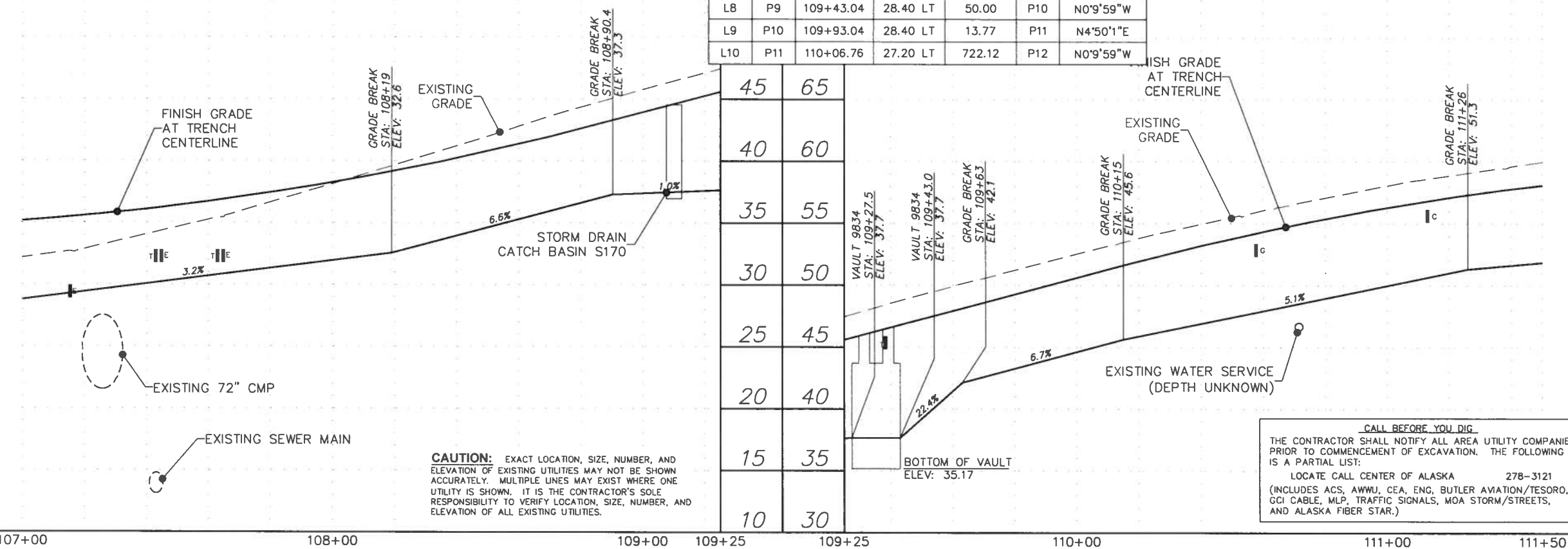
STATE OF ALASKA
49th
PROFESSIONAL ENGINEER
Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
ELEVATION VIEW
UTILITY DUCT TRENCH
STA 102+00 TO 107+00

LOUNSBURY PROJECT NUMBER 01-046.B
COMPUTER DESIGNATION T:\Project\2001\01-046.B-2009\ENG\DELIVER\Plot-Bid-Check\U14-Utility-Check\U14-Utility-Check.dwg
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
CHECKED BY J. G. GORRELL
PLOTTED BY J. G. GORRELL
03/28/2011 2:39

CERTIFICATION SET



TRENCH CENTERLINE LAYOUT						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
L4	P5	103+66.16	27.20 LT	497.58	P6	N0°9'59"W
L5	P6	108+63.74	27.20 LT	13.77	P7	N5°9'59"W
L6	P7	108+77.46	28.40 LT	50.00	P8	N0°9'59"W
L8	P9	109+43.04	28.40 LT	50.00	P10	N0°9'59"W
L9	P10	109+93.04	28.40 LT	13.77	P11	N4°50'1"E
L10	P11	110+06.76	27.20 LT	722.12	P12	N0°9'59"W

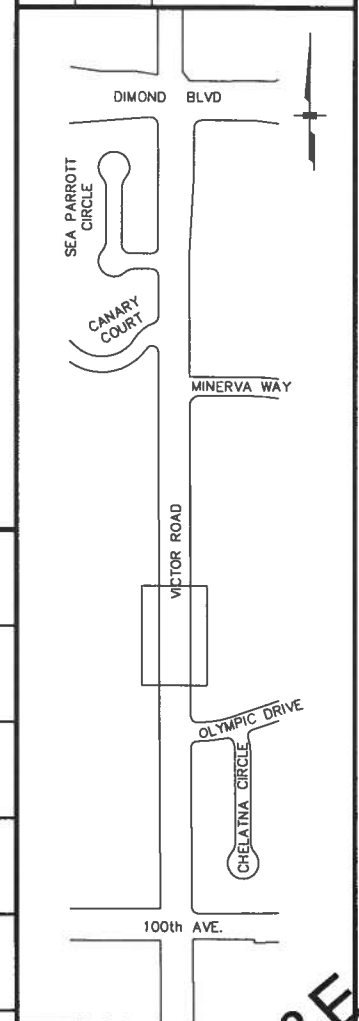


CALL BEFORE YOU DIG
THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:
LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

SHEET NO.	TOTAL SHEETS
U16	U8
STATE	YEAR
ALASKA	2010

PROJECT DESIGNATION	
STP-0001(232)/55027	
ADDENDUM NO.	
ATTACHMENT NO.	

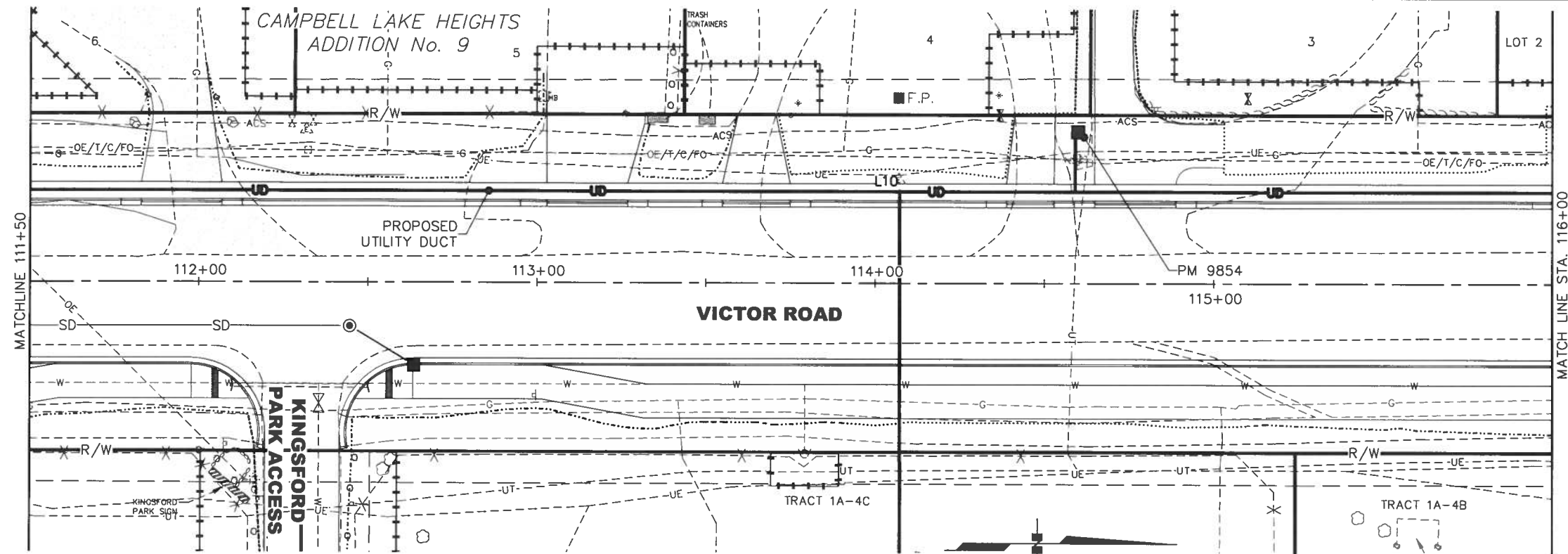
REVISIONS		
NO.	DATE	DESCRIPTION



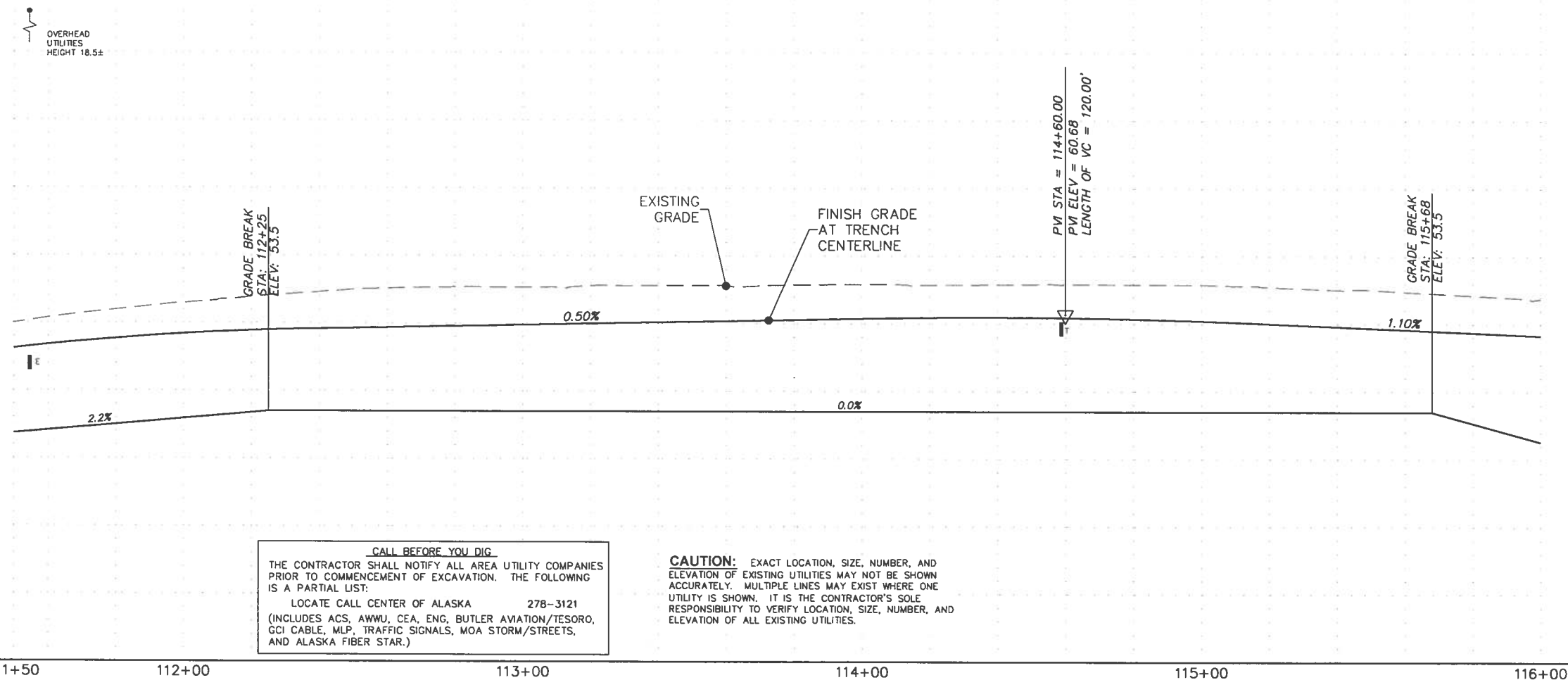
STATE OF ALASKA
49
REGISTERED PROFESSIONAL ENGINEER
Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
ELEVATION VIEW
UTILITY DUCT TRENCH
STA 107+00 TO 111+50

LOUNSBURY PROJECT NUMBER 01-046-B
COMPUTER DESIGNATION T:\Projects\2001\01-046-B-2009\ENG\DELIVER\Plot-Bld-Check\U14-U18-Utility-10-03-2011-2:44
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
CHECKED BY Tom Garrett
DRAFTED BY

CERTIFICATION SET



TRENCH CENTERLINE LAYOUT						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
L10	P11	110+06.76	27.20 LT	722.12	P12	N0°9'59"W



CALL BEFORE YOU DIG.
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LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

CAUTION: EXACT LOCATION, SIZE, NUMBER, AND ELEVATION OF EXISTING UTILITIES MAY NOT BE SHOWN ACCURATELY. MULTIPLE LINES MAY EXIST WHERE ONE UTILITY IS SHOWN. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY LOCATION, SIZE, NUMBER, AND ELEVATION OF ALL EXISTING UTILITIES.

SHEET NO.	TOTAL SHEETS	
U17	U8	
STATE	YEAR	
ALASKA	2010	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

DIMOND BLVD

SEA PARROTT CIRCLE

CANARY COURT

MINERVA WAY

VICTOR ROAD

OLYMPIC DRIVE

CHELINA CIRCLE

100th AVE.

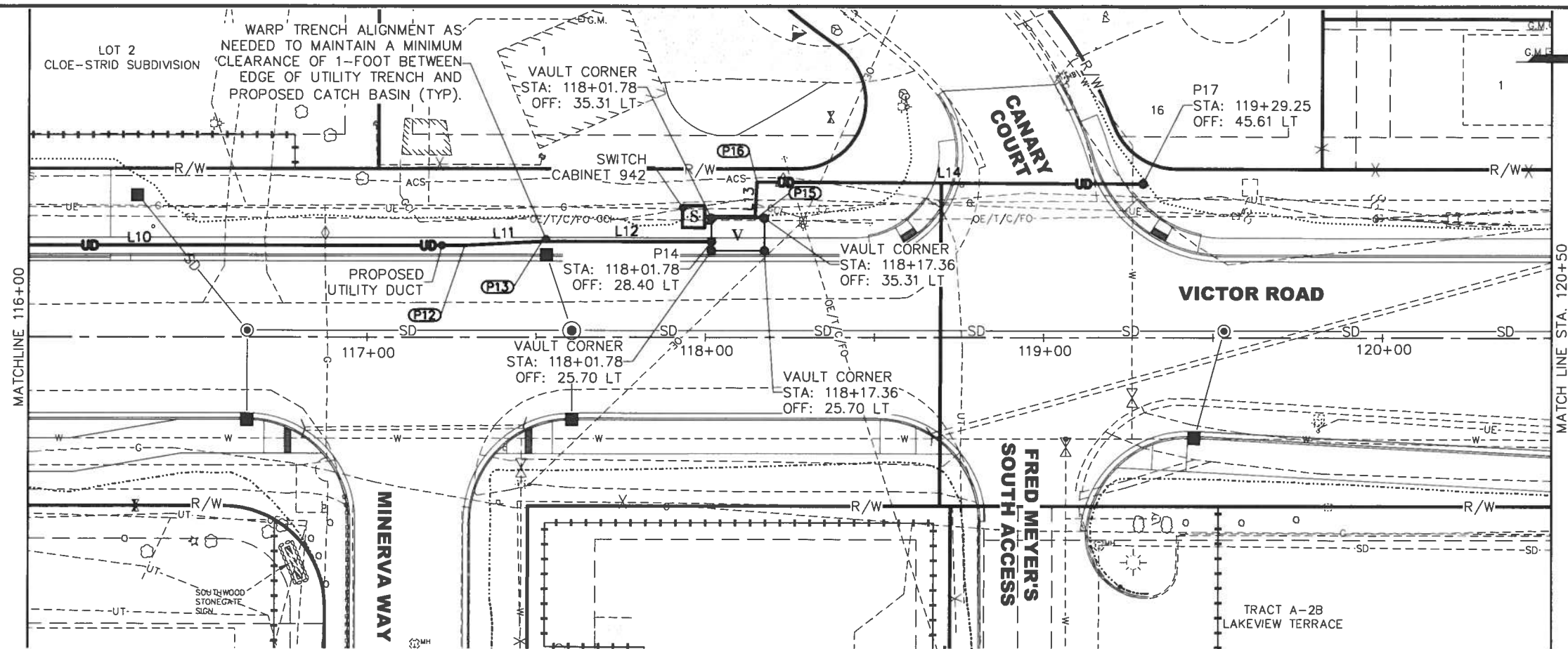
STATE OF ALASKA
REGISTERED PROFESSIONAL ENGINEER
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD

ELEVATION VIEW
UTILITY DUCT TRENCH
STA 111+50 TO 116+00

LOUNSBURY PROJECT NUMBER 01-046.B
COMPUTER DESIGNATION T: Project\2001\01-046.B-2009\ENG\DELIVER_Plot-Check\U14-UTB-Utility-Redo-Check-Drawn-Plot-03-29-2011 3:29
DESIGNED BY LOUNSBURY & ASSOCIATES, INC.
PLOT BY Tom Garrett

CERTIFICATION SET



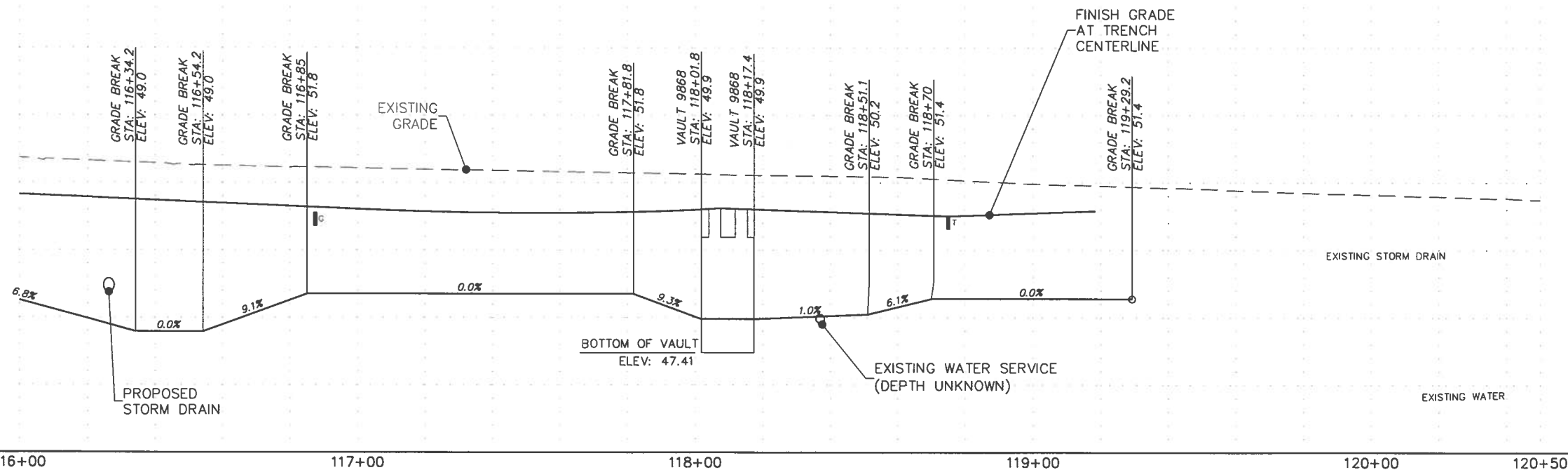
TRENCH CENTERLINE LAYOUT						
ID #	START	STATION	OFFSET	LENGTH	END	BEARING
L10	P11	110+06.76	27.20 LT	722.12	P12	N0°9'59"W
L11	P12	117+28.88	27.20 LT	22.93	P13	N3°9'59"W
L12	P13	117+51.78	28.40 LT	50.00	P14	N0°9'59"W
L13	P15	118+14.62	35.08 LT	10.99	P16	N87°23'31"W
L14	P16	118+15.15	46.06 LT	114.10	P17	N0°3'17"E

CALL BEFORE YOU DIG
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LOCATE CALL CENTER OF ALASKA 278-3121
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

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OVERHEAD UTILITIES
HEIGHT 18.5±

OVERHEAD UTILITIES
HEIGHT 22.0±



SHEET NO.	TOTAL SHEETS	
U18	U8	
STATE	YEAR	
ALASKA	2010	
PROJECT DESIGNATION		
STP-0001(232)/55027		
ADDENDUM NO.		
ATTACHMENT NO.		
REVISIONS		
NO.	DATE	DESCRIPTION

DIMOND BLVD

SEA PARROTT CIRCLE

CANARY COURT

MINERVA WAY

VICTOR ROAD

OLYMPIC DRIVE

CHELATA CIRCLE

100th AVE.

STATE OF ALASKA
49th DISTRICT
REGISTERED PROFESSIONAL ENGINEER
Drawing Prepared By:
LOUNSBURY & ASSOCIATES, INC.
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
VICTOR ROAD RECONSTRUCTION
100TH AVE TO DIMOND BLVD
ELEVATION VIEW
UTILITY DUCT TRENCH
STA 116+00 TO 120+50