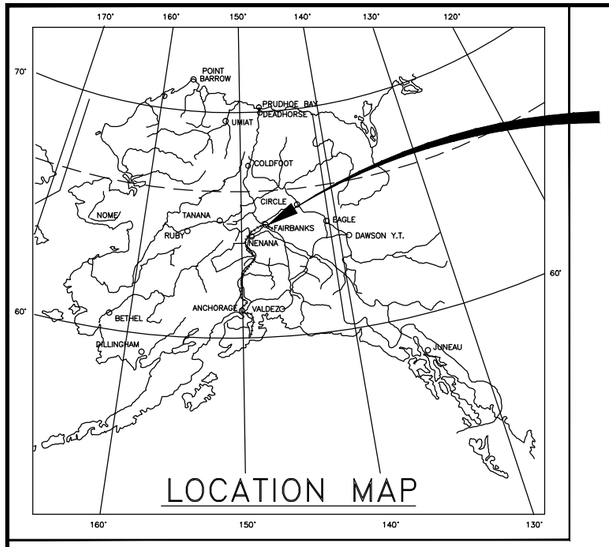
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	A1	- -
CDS ROUTE: 176470	MILEPOINT: 0.05 TO 0.56			



PROJECT LOCATION

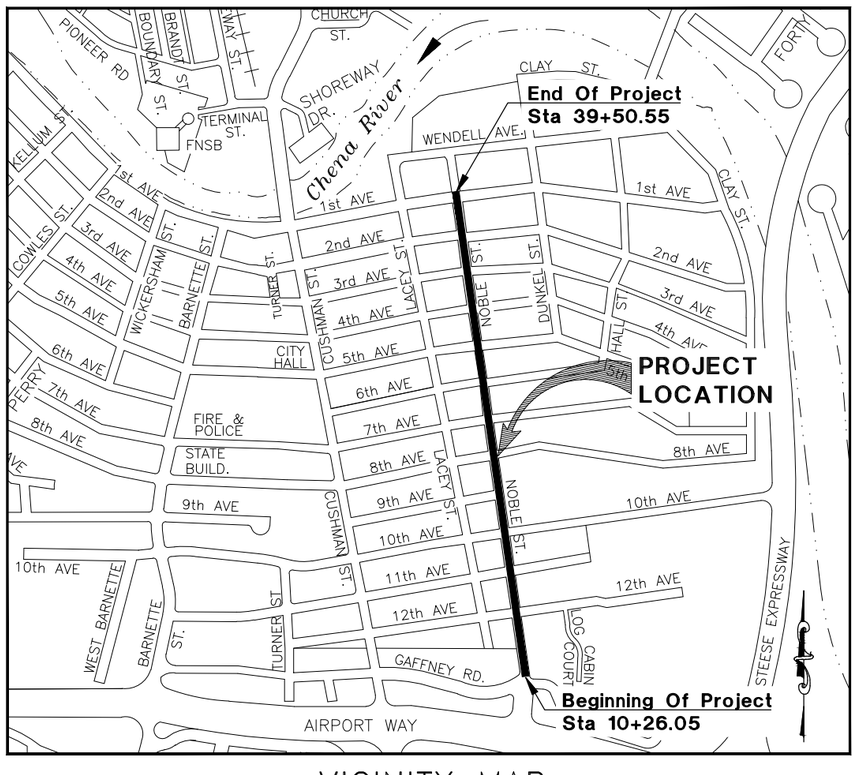
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

PROPOSED HIGHWAY PROJECT

STP-000S(413)/61725

FAIRBANKS NOBLE STREET UPGRADE

STORM DRAIN, GRADING, PAVING, PAVEMENT MARKINGS, SIGNING, DRIVEWAYS, DRAINAGE, LIGHTING, TRAFFIC CONTROL



VICINITY MAP
FAIRBANKS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
A1-A3	TITLE SHEET/SHEET LAYOUT INDEX/PROJECT CONTROL PLAN
B1-B2	TYPICAL SECTIONS
C1-C4	LEGEND, ABREVIATIONS AND NOTES/QUANTITIES/SCHEDULES
E1	CONCRETE DETAILS
F1-F6	ROADWAY PLAN AND PROFILES
G1-G7	DRIVEWAYS/DRIVEWAY DETAILS
H1-H9	SIGNAGE AND STRIPING, SIGN SUMMARIES
H10-H11	SIGN DETAILS
H12-H55	SIGNAL AND ILLUMINATION PLAN AND DETAILS
J1-J3	INTERSECTION DETAILS
J4-J9	GRADING PLANS
J10-J12	CONTROL POINT TABLES
L1-L18	LANDSCAPE PLANS AND DETAILS
M1-M2	RETAINING WALL PLANS
P1	EROSION CONTROL NOTES & DETAILS
P2-P7	EROSION CONTROL PLANS
T1	TRAFFIC CONTROL PLAN
U1-U8	STORM DRAIN PLAN AND PROFILES
U9-U10	WATER RELOCATIONS/FIRE HYDRANT & WATER RELOCATION
U11-U18	UTILITY IMPROVEMENTS
U19-U20	ELECTRICAL LEGEND, SPECIFICATIONS & SITE PLAN/ELECTRICAL ONE-LINE DIAGRAM & DETAILS

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:
AK DOT: A-1, C03-10, C-04.12, E-13.00, F-01.01, G-00.01, G-04.06W, 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, S-00.10, S-00.11, S-05.01, S-05.02, S-23.00, S-31.00, T-20.01, T-21.02, T-22.03, T-23.00, T-30.10, T-31.00, T-32.10, T-34.01, T-35.00, T-40.00, T-52.15, U-03.00
CITY OF FAIRBANKS: SD1, SD2, CD1

DESIGN DESIGNATIONS

ADT (2006)	11,150
ADT (2020)	12,820
ADT (2035)	14,880
DHV (11%)	1410
PERCENT TRUCKS (T)	2%
DIRECTIONAL SPLIT (D)	40/60
DESIGN SPEED (V)	25 MPH
DESIGN EAL'S (2035)	
FUNCTIONAL - 15YR	881,050
FATIGUE - 15YR	1,903,850

PROJECT SUMMARY

WIDTH OF PAVEMENT	34 FT
LENGTH OF GRADING	2917 FT
LENGTH OF PAVING	2917 FT
LENGTH OF PROJECT	0.51 MI

D.O.T. ENGINEER MANAGER: RUSSEL M. JOHNSON

PLANS DEVELOPED BY:
PDC, INC. ENGINEERS
UNDER THE SUPERVISION OF:

STATE OF ALASKA
49 TH
MATTHEW TODD STONE
CE11258
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

APPROVED BY:

_____ DATE _____
Ryan F. Anderson, P.E.
Preconstruction Engineer, Northern Region

ACCEPTED FOR CONSTRUCTION

_____ DATE _____
Robert A. Campbell, P.E.
Acting Regional Director, Northern Region

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STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	A2	– –

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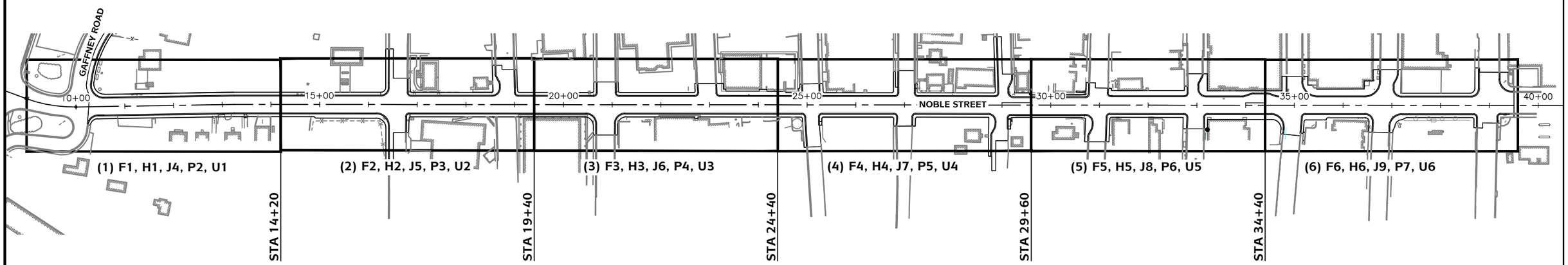
SHEET INDEX LEGEND:

(F) ROADWAY
(G) DRIVEWAYS
(H) SIGNING & STRIPING
(J) GRADING
(M) RETAINING WALLS
(P) ESCP
(U) STORM DRAIN AND UTILITIES

NOTES:

1. SEE SHEET H12 FOR LIGHTING AND SIGNAL SHEET LAYOUT.
2. SEE SHEET L1 FOR LANDSCAPE SHEET LAYOUT.



FEET
100 50 0 100 200

SHEET LAYOUT INDEX

STATE OF ALASKA 49TH
MATTHEW TODD STONE
CE11258
REGISTERED PROFESSIONAL ENGINEER

Friday, December 12, 2014, 12:04 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	A3	– –

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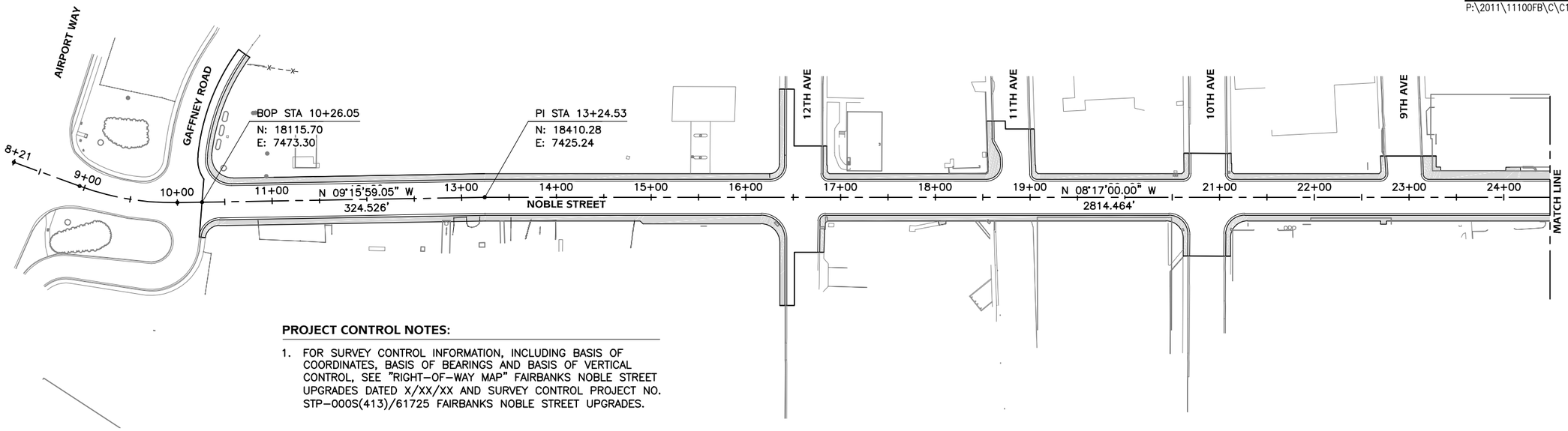
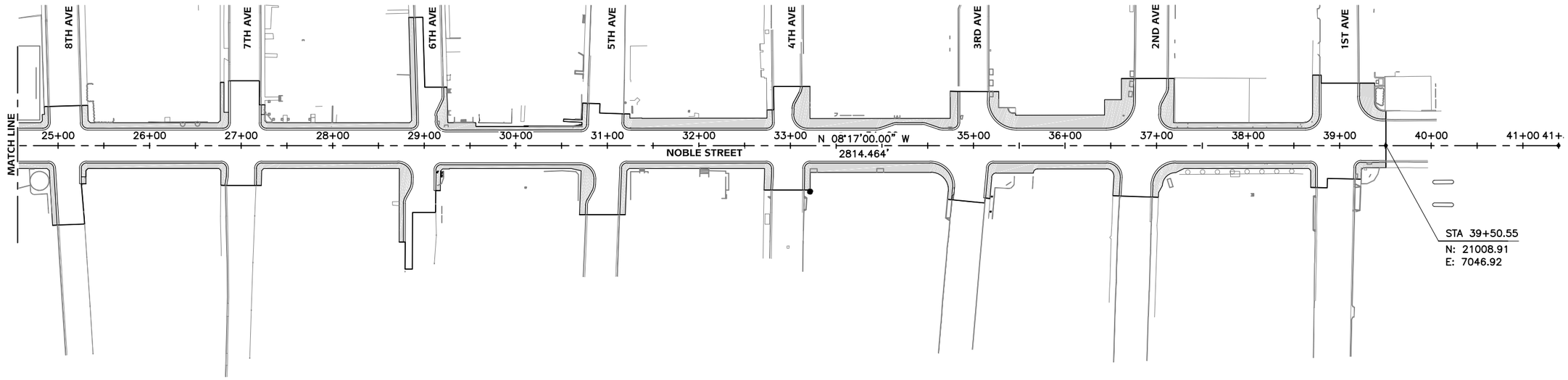


PROJECT CONTROL NOTES:

1. FOR SURVEY CONTROL INFORMATION, INCLUDING BASIS OF COORDINATES, BASIS OF BEARINGS AND BASIS OF VERTICAL CONTROL, SEE "RIGHT-OF-WAY MAP" FAIRBANKS NOBLE STREET UPGRADES DATED X/XX/XX AND SURVEY CONTROL PROJECT NO. STP-000S(413)/61725 FAIRBANKS NOBLE STREET UPGRADES.

FEET
60 30 0 60 120



PROJECT CONTROL PLAN

STATE OF ALASKA
49TH
MATTHEW TODD STONE
CE11258
REGISTERED PROFESSIONAL ENGINEER

Friday, December 12, 2014, 12:04 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	B1	– –

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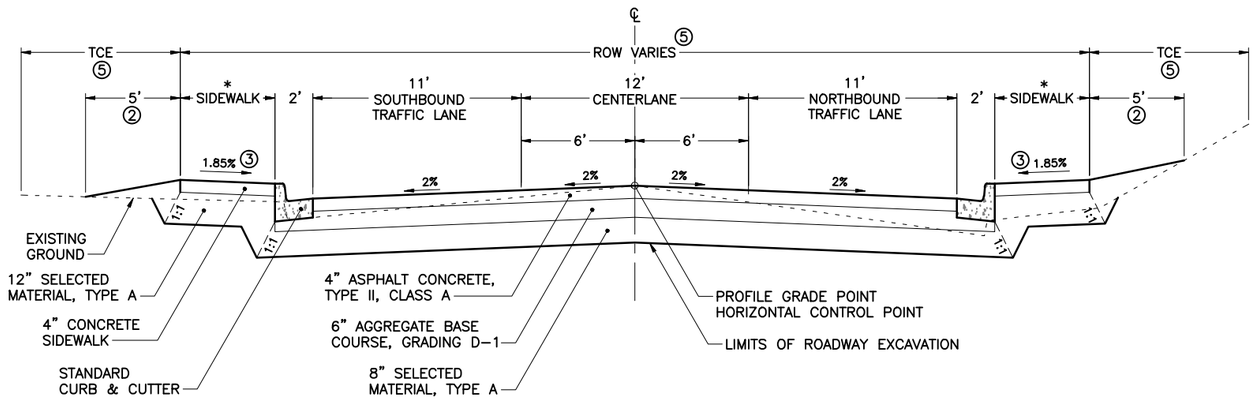
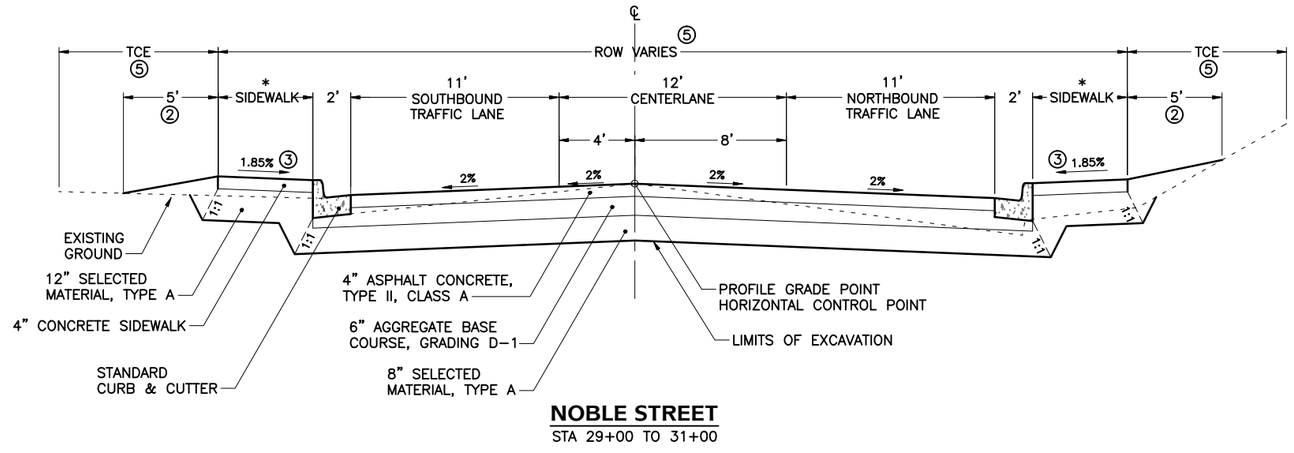


NOBLE STREET
STA 10+26.05 TO 29+00
31+00 TO 39+50.53

*SIDEWALK WIDTHS					
LEFT			RIGHT		
BEGIN STA	END STA	WIDTH (FT)	BEGIN STA	END STA	WIDTH (FT)
10+59	22+71	6	10+44	28+71	6
23+29	24+56	9.2	29+20	30+70	4
24+56	28+86	6	31+24	32+72	6
29+26	29+56	8	33+24	34+53	10.2
29+56	30+63	4	35+25	35+65	11
31+25	32+74	11	35+72	38+66	6
33+21	34+74	10.6			
35+47	36+45	14			
37+19	38+63	6			



NOBLE STREET
STA 29+00 TO 31+00

NOTES:

1. MAINTAIN PROPOSED NOBLE STREET PAVEMENT STRUCTURE ON SIDE STREETS.
② SLOPE VARIES. WHEN CONCRETE IS TO BE PLACED AT BACK OF SIDEWALK, CONTINUE SIDEWALK STRUCTURE. SEE TABLE ON B2 FOR MATERIAL TYPE.
③ SEE GRADING PLAN FOR VARIANCE IN SIDEWALK GRADE. ON SIDE STREETS, MATCH EXISTING WIDTH UNLESS OTHERWISE NOTED ON GRADING PLAN.
4. SEE GRADING PLAN FOR VARIANCE IN LANE GRADES AT INTERSECTIONS.
⑤ UNLESS OTHERWISE SHOWN ON PLAN.
6. PRESERVE/PROTECT OR REPLACE EXISTING LANDSCAPING, INCLUDING ROCK AND SHRUB ALONG THE BACK SIDE OF NEW SIDEWALK. PAYMENT IS SUBSIDIARY TO ITEM 608(1a).

Friday, December 12, 2014, 12:05 PM

TYPICAL SECTIONS (1 OF 2)

STATE OF ALASKA
49 TH
MATTHEW TODD STONE
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STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	B2	– –

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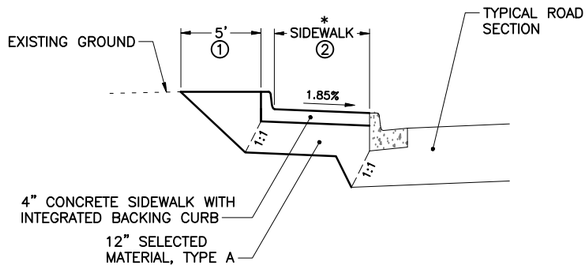
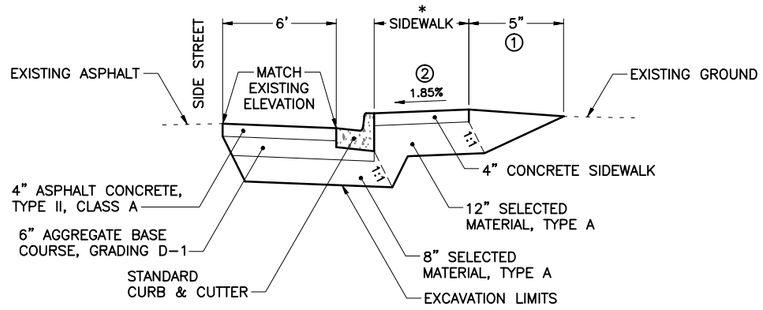
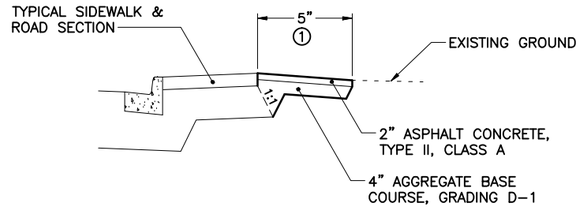


INTEGRATED BACKING CURB

STA 21+25.12 TO 22+60.90 LEFT
STA 22+76.2 TO 23+58.76 RIGHT



SIDEWALK RECONSTRUCTION



ASPHALT AT BACK OF SIDEWALK

SEE BACK OF SIDEWALK MATERIAL TABLE FOR LOCATIONS

BACK OF SIDEWALK MATERIAL ①

LEFT				RIGHT			
BEGIN STA	END STA	AREA (SY)	MATERIAL	BEGIN STA	END STA	AREA (SY)	MATERIAL
BOP	16+62	345	2" ASPHALT	BOP	13+70	102	2" ASPHALT
16+62	18+83	115	TOPSOIL & SEED	13+70	14+00	27	TOPSOIL & SEED
18+83	20+88	119	2" ASPHALT	14+00	14+85	27	2" ASPHALT
20+88	23+00	26	18" WIDE TOPSOIL & SEED STRIP	14+85	16+62	126	TOPSOIL & SEED
		78	WITH 2" ASPHALT BEYOND	16+62	18+83	103	LANDSCAPING GRAVEL ④
23+00	24+07	--	BUILDING	18+33	20+88	--	4" CONCRETE & BUILDING
24+07	25+10	25	LANDSCAPING ③ AND 2" ASPHALT	20+88	21+87	57	TOPSOIL & SEED
25+10	25+73	31	TOPSOIL & SEED	21+87	23+00	--	BUILDING
25+73	25+98	--	BUILDING	23+00	25+10	114	LANDSCAPING ③
25+98	26+63	36	2" ASPHALT	25+10	27+00	152	TOPSOIL & SEED
26+63	27+76	65	TOPSOIL & SEED	27+00	28+23	51	4' D-1
27+76	28+06	2	6" CONCRETE	28+23	29+04	30	TOPSOIL & SEED ⑤
28+06	29+04	48	4" D-1	29+04	30+10	54	4" D-1
29+04	29+56	--	BUILDING	30+10	32+00	120	TOPSOIL & SEED
29+56	30+06	4	2" ASPHALT	32+00	32+32	--	BUILDING
30+06	31+89	--	BUILDING	32+32	32+94	28	2" ASPHALT
31+89	32+94	29	2" ASPHALT	32+94	34+01	--	BUILDING
32+94	35+00	--	BUILDING	34+01	35+00	49	2" ASPHALT
35+00	36+83	--	BUILDING	35+00	36+83	89	TOPSOIL & SEED
36+83	39+00	58	2" ASPHALT	36+83	39+00	114	4" D-1
39+00	EOP	19	LANDSCAPING ③	39+00	EOP	19	LANDSCAPING ③

NOTES:

① SLOPE VARIES. SEE TABLE FOR MATERIAL TYPE. WHEN CONCRETE IS TO BE PLACED AT BACK OF SIDEWALK, CONTINUE SIDEWALK STRUCTURE.

② SEE GRADING PLAN FOR VARIANCE IN SIDEWALK GRADE. ON SIDE STREETS, MATCH EXISTING WIDTH UNLESS OTHERWISE NOTED ON GRADING PLAN.

③ SEE LANDSCAPE PLANS.

④ PROTECT HEDGE.

⑤ SALVAGE AND REPLACE EXISTING.

6. BACK OF SIDEWALK MATERIAL IS PAID FOR UNDER THE RESPECTIVE PAY ITEM.

Friday, December 12, 2014, 12:05 PM

TYPICAL SECTIONS (2 OF 2)

STATE OF ALASKA
49 TH
MATTHEW TODD STONE
CE11258
REGISTERED PROFESSIONAL ENGINEER

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	C1	– –

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LEGEND EXISTING:

- CONTROL POINT
- RECOVERED PRIMARY MONUMENT
- RECOVERED SECONDARY MONUMENT
- REBAR
- MANHOLE
- HANDHOLE
- WATER VALVE
- METER BOX
- POST
- CLEANOUT
- POWER POLE
- POWER POLE WITH RISER
- STREETLIGHT
- WALK/DON'T WALK LIGHT
- TRAFFIC CONTROL LIGHT
- SIGN
- BOLLARD
- FIRE HYDRANT
- SPOT ELEVATION (× 439.6)
- CATCH BASIN
- CULVERT
- HEADBOLT HEATER
- VENT PIPE
- FUEL TANK FILL PIPE
- GUYLINE WITH ANCHOR
- SHRUB
- HARDWOOD TREE
- CONIFER TREE
- EDGE OF ASPHALT PAVEMENT LINE (EP)
- EDGE OF GRAVEL
- OVERHEAD POWER LINE (OH)
- RIGHT–OF–WAY LINE
- SANITARY SEWER LINE
- TREE LINE
- BUILDING LINE
- MAJOR CONTOUR (450)
- MINOR CONTOUR (451)
- FENCE LINE
- UNDERGROUND WATER LINE
- STORM DRAIN LINE (SD)
- DISTRICT HEAT HOT WATER LINE (DH)
- UNDERGROUND COMM LINE(ACS)
- UNDERGROUND COMM LINE(GCI)
- UNDERGROUND ELECTRIC LINE(STREETLIGHTS) (OPT)
- UNDERGROUND FIBER OPTIC LINE(ALASKA FIBERSTAR) (AKFS)
- GUARDRAIL
- CONCRETE

LEGEND PROPOSED:

- TRAFFIC CONTROL LIGHT
- DETECTABLE WARNING
- CURB & GUTTER
- CUT
- FILL
- WATER (W)
- RETAINING WALL
- EDGE OF ASPHALT
- STORM DRAIN (SD)
- TEMPORARY CONSTRUCTION EASEMENT
- CONCRETE
- SIGN
- MANHOLE
- ROW AQUISITION
- LIGHT POLE
- STORM DRAIN INLET
- DUCT BANK

ABBREVIATIONS

AC	ACRES
APROX	APPROXIMATELY
AVE	AVENUE
BOP	BEGINNING OF PROJECT
℄ , CL	CENTERLINE
COM	COMMUNICATION
CONT.	CONTINUOUS
CY	CUBIC YARDS
DESC	DESCRIPTION
DIA	DIAMETER
DRWY	DRIVEWAY
EA	EACH
EL, ELEV	ELEVATION
EOP	END OF PROJECT
EP	EDGE OF PAVEMENT
EW	EACH WAY
EX	EXISTING
FG	FINISH GRADE
FH	FIRE HYDRANT
FM	FORCE MAIN
FOC	FACE OF CURB
FT	FEET
GAL	GALLON
GB	GRADE BREAK
IE	INVERT ELEVATION
LBS	POUNDS
LF	LINEAL FEET
LNDG	LANDING
LT	LEFT
LVC	LENGTH OF VERTICAL CURVE
MAX	MAXIMUM
M.E.	MATCH EXISTING
MIN	MINIMUM
N	NORTH
N.O.	NUMBER
NTS	NOT TO SCALE
OHE	OVERHEAD ELECTRIC
PC	POINT OF CURVE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENT
RP	RADIUS POINT
S	SOUTH
SD	STORM DRAIN
SDWK	SIDEWALK
STA	STATION
TBC	TOP BACK OF CURB
TCP	TEMPORARY CONSTRUCTION PERMIT
E	EAST
W	WEST
TYP	TYPICAL
STA	STATION
SS	SANITARY SEWER
SD	STORM DRAIN
OC	ON CENTER
PUE	PUBLIC UTILITY EASEMENT
R	RADIUS
ROW	RIGHT OF WAY
RT	RIGHT
S	SLOPE
SDWK	SIDEWALK
SF	SQUARE FEET
SY	SQUARE YARD
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCH MARK
TYP	TYPICAL
UG–P	UNDERGROUND POWER
VPC	VERTICAL POINT OF CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENT
W	WATER
W/	WITH
&	AND
ø	DIAMETER
±	PLUS OR MINUS

GENERAL NOTES:

1. GRADES, ALIGNMENTS, APPROACH LOCATIONS, LENGTHS AND LOCATIONS OF STORM DRAINS AND UTILITIES AND INSULATION SHOWN ON THESE PLANS ARE SUBJECT TO MINOR REVISIONS BY THE ENGINEER. ALL DISTANCES SHOWN IN THE PLANS ARE HORIZONTAL MEASUREMENTS.
2. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THEIR OWN STAGING AREA.
3. RESTORE ALL DISTURBED AREAS DUE TO CONTRACTORS WORK OUTSIDE THE CUT AND FILL LIMITS SHOWN ON THE PLANS.

Friday, December 12, 2014, 12:05 PM

LEGEND, ABREVIATIONS AND NOTES

STATE OF ALASKA 49TH
MATTHEW TODD STONE
CE11258
REGISTERED PROFESSIONAL ENGINEER

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	C2	– –

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ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
202(1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQ'D
202(13)	REMOVE AND REPLACE PLANTER	EACH	1
203(3)	UNCLASSIFED EXCAVATION	CUBIC YARD	10,230
203(6)	BORROW	TON	12,150
301(1)	AGGREGATE BASE COARSE, GRADING D-1	TON	5,650
401(104)	HMA, TYPE II; CLASS A	TON	3,600
401(107)	ASPHALT CEMENT, GRADE PG 52-28	TON	216
401(111)	HMA PRICE ADJUSTMENT, TYPE II; CLASS A	CONTINGENT SUM	ALL REQ'D
401(10)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
501(9)	DECORATIVE FINISH	LINEAR FOOT	155
501(10)	SOUTH HALL MANOR WALL	LINEAR FOOT	59
504(3)	MAJOR MYRTLE THOMAS PARK SIGN	LUMP SUM	1
504(4)	MINOR MYRTLE THOMAS PARK SIGN	LUMP SUM	1
504(5)	ORNAMENTAL FENCE	LINEAR FOOT	136
504(6)	PARK FENCE	LINEAR FOOT	208
504(7)	DUMPSTER SCREEN	LUMP SUM	1
514(1)	RETAINING WALL	LINEAR FOOT	190
603(21)-8	8 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	406
603(21)-10	10 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	256
603(21)-12	12 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	1,443
603(21)-18	18 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	736
603(21)-24	24 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	1,436
603(21)-36	36 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	380
603(26)	INSULATION FOR STORM DRAIN	LUMP SUM	ALL REQ'D
604(1)-48	STORM SEWER MANHOLE, 48 INCH	EACH	16
604(1)-72	STORM SEWER MANHOLE, 72 INCH	EACH	3
604(4)	ADJUST EXISTING MANHOLE	EACH	13
604(5)-A	INLET, TYPE A	EACH	63
607(4)	RECONSTRUCTED FENCE	LINEAR FOOT	60
608(1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	3,525
608(1B)	CONCRETE SIDEWALK, 6 INCHES THICK	SQUARE YARD	1,620
608(6)	CURB RAMP	EACH	50
609(1)	CURB, TYPE 4	LINEAR FOOT	136
609(2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	6,920
615(1)	STANDARD SIGN	SQUARE FOOT	476
618(4)	SEEDING	SQUARE YARD	1,800
620(1)	TOPSOIL	SQUARE YARD	1,800
621(1A)	TREE, BIRCH(BETULA PAPYRIFERA), 3" CAL.	EACH	48
621(1B)	TREE, WHITE SPRUCE(PICEA GLAUCA), 24" TALL	EACH	17
621(2A)	COTONEASTER (COTONEASTER ACUTIFOLIA), 36" TALL	EACH	32
621(5)	PLANT PIT CELLS	SQUARE YARD	172
622(15)	PLANTER	EACH	17
622(16)	BENCH	EACH	5
622(17)	KIOSK	EACH	1
622(18)	TREE GRATE	EACH	25
626(2)	SEWER SERVICE CONNECTION	EACH	5
627(1)-6	6 INCH DUCTILE IRON WATER CONDUIT, CLASS 350	LINEAR FOOT	42
627(1)-10	10 INCH DUCTILE IRON WATER CONDUIT, CLASS 350	LINEAR FOOT	11
627(1)-16	16 INCH DUCTILE IRON WATER CONDUIT, CLASS 350	LINEAR FOOT	20
627(5)	FIRE HYDRANT INSTALLATION	EACH	2
627(10)	ADJUSTMENT OF VALVE BOX	EACH	39
639(3)	DRIVEWAYS	EACH	26
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D
641(1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D
641(3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQ'D
641(4)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQ'D
641(6)	WITHHOLDINGS	CONTINGENT SUM	ALL REQ'D
641(7)	SWPPP MANAGER	LUMP SUM	ALL REQ'D
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQ'D

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
642(3)	THREE PERSON SURVEY PARTY	HOUR	170
642(6)	REPLACE EXISTING WITH PRIMARY MONUMENT	EACH	16
642(7)	REPLACE EXISTING WITH SECONDARY MONUMENT	EACH	15
642(10)	MONUMENT CASE	EACH	16
643(2)	TRAFFIC MANTENANCE	LUMP SUM	ALL REQ'D
643(17)	PUBLIC INFORMATION	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
645(1)	TRAINING PROGRAM, 2 TRAINEES/APPRENTICES	HOUR	1,000
646(1)	CPM SCHEDULING	LUMP SUM	ALL REQ'D
660(3)	HIGHWAY LIGHTING SYSTEM COMPLETE	LUMP SUM	ALL REQ'D
660(7A)	TEMPORARY SIGNAL SYSTEM COMPLETE, 10TH AND NOBLE	LUMP SUM	ALL REQ'D
660(7B)	TEMPORARY SIGNAL SYSTEM COMPLETE, 3RD AND NOBLE	LUMP SUM	ALL REQ'D
660(7C)	TEMPORARY SIGNAL SYSTEM COMPLETE, 2ND AND NOBLE	LUMP SUM	ALL REQ'D
660(7D)	TEMPORARY SIGNAL SYSTEM COMPLETE, 1ST AND NOBLE	LUMP SUM	ALL REQ'D
660(10A)	TRAFFIC SIGNAL SYSTEM MODIFICATIONS, 10TH AND NOBLE	LUMP SUM	ALL REQ'D
660(10B)	TRAFFIC SIGNAL SYSTEM MODIFICATIONS, 3RD AND NOBLE	LUMP SUM	ALL REQ'D
660(10C)	TRAFFIC SIGNAL SYSTEM MODIFICATIONS, 2ND AND NOBLE	LUMP SUM	ALL REQ'D
660(10D)	TRAFFIC SIGNAL SYSTEM MODIFICATIONS, 1ST AND NOBLE	LUMP SUM	ALL REQ'D
661(2)	LOAD CENTER TYPE 1A	EACH	5
661(6)	TRANSFORMER, 5KVA 240-480V STEP UP	EACH	1
662(3)	SIGNAL INTERCONNECT SYSTEM COMPLETE – FIBER	LUMP SUM	ALL REQ'D
663(1)-A	UTILITY RELOCATION, ACS	LUMP SUM	ALL REQ'D
663(1)-B	UTILITY RELOCATION, GCI	LUMP SUM	ALL REQ'D
663(2)	GVEA UNDERGROUND SERVICE CONNECTIONS	LUMP SUM	ALL REQ'D
663(6)	TELECOMMUNICATIONS VAULT, DUCT BANK AND CONDUIT SYSTEM	LUMP SUM	ALL REQ'D
670(10)	METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQ'D
670(11)	METHYL METHACRYLATE TRANSVERSE PAVEMENT MARKING LINES	SQUARE FOOT	2920
670(12)	METHYL METHACRYLATE TRANSVERSE MARKINGS, WORDS, SYMBOLS	EACH	170
802(1)	CONTAMINATED SOIL SAMPLING AND SCREENING	EACH	422
802(2)	CONTAMINATED SOIL REMOVAL AND DISPOSAL-KNOWN CONTAMINATE SITES	CONTINGENT SUM	ALL REQ'D
802(3)	CONTAMINATED SOIL REMOVAL AND DISPOSAL-ADDITIONAL SITES	CONTINGENT SUM	ALL REQ'D
803(1)	GROUNDWATER MONITORING WELL DECOMMISSIONING	CONTINGENT SUM	ALL REQ'D
803(2)	GROUNDWATER MONITORING WELL INSTALLATION	EACH	1

ESTIMATING FACTORS

ITEM NUMBER	ITEM	FACTOR
203(6)	BORROW, TYPE A	1.96 TONS / CUBIC YARDS
301(1)	AGGREGATE BASE COARSE, GRADING D-1	1.96 TONS / CUBIC YARDS
401(1)	ASPHALT CONCRETE, TYPE II, CLASS A	113 LBS / SQUARE YARD / INCH
401(2)	ASPHALT CEMENT, GRADE PG 52-28	0.06 OF 404(1) QUANITITY
402(1)	STE-1 ASPHALT FOR TACK COAT	0.0003 TONS / SQUARE YARD

202(1) REMOVAL OF STRUCTURES AND OBSTRUCTIONS

BEGIN	OFFSET	END	OFFSET	QUANTITY	REMARKS
13+67	43.9 RT	13+99	44.3 RT	66.9 FT	RETAINING WALL
14+84	53.0 RT	16+36	129.9 RT	253.5 FT	CHAIN LINK FENCE
16+05	28 RT	16+05	28 RT	1	BIRCH TREE
18+14	31.1 LT	18+54	80.6 LT	103.4 FT	RETAINING WALL
30+15	20.8 LT	30+73	21.4 LT	58 FT	RETAINING WALL
30+60	28.0 RT	30+60	28.0 RT	4	REMOVE 4 BIRCH TREES; LEAVE 1 BIRCH TREE
31+80	29 RT	31+80	29 RT	3	REMOVE 3 BIRCH TREES
35+20	46 RT	35+20	46 RT	2	REMOVE 2 SPRUCE TREES; LEAVE 1 SPRUCE TREE

QUANTITIES

STATE OF ALASKA 49TH
MATTHEW TODD STONE
CE11258
REGISTERED PROFESSIONAL ENGINEER

Monday, December 15, 2014, 1:41 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	C3	– –

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608(1A) CONCRETE SIDEWALK, 4 INCHES THICK

BEGIN	END	OFFSET	QUANTITY (S.Y.)	REMARKS
10+24.5	16+40.2	RT	326.0	
10+32.8	16+40.9	LT	360.0	
16+78.2	20+66.5	RT	235.9	
16+81.4	18+68.8	LT	134.3	
19+01.3	20+67.8	LT	113.4	
21+06.7	24+95.8	RT	180.9	
21+08.3	22+75	LT	92.9	
23+14.3	24+89.2	LT	148.6	
25+25.4	26+83.7	RT	95.5	
25+26.2	26+86.2	LT	108.1	
27+16.7	28+85.9	RT	128.9	
27+21.8	28+91.5	LT	142.4	
29+12.7	30+85.2	RT	102.2	
29+13.9	30+77.8	LT	78.6	
31+15.2	32+79.3	RT	127.7	
31+18.0	32+80.1	LT	128.7	
33+03.8	34+83.0	LT	153.9	
33+15.4	34+77.4	RT	167.9	
35+15.0	36+59.8	RT	78.3	
35+17.2	36+74.2	LT	310.7	
36+95.8	38+73.8	RT	126.2	
37+04.8	38+77.7	LT	123.1	
39+17.3	39+50.6	RT	11.9	
39+21.9	39+50.5	LT	32.7	

608(6) CURB RAMP

STATION	OFFSET	QUANTITY	REMARKS
10+38.87	27.18 LT	1	
10+39.04	19 RT	1	
16+29.97	23.08 RT	1	
16+35.92	22.83 LT	1	
16+80.08	20.73 RT	1	
16+83.11	20.77 LT	1	
18+58.31	19 RT	1	
18+61.44	21.08 LT	1	
19+02.88	19 RT	1	
19+03.40	20.7 LT	1	
20+60.68	24.88 RT	1	
20+66.09	20.77 LT	1	
21+10.05	20.74 LT	1	
21+12.62	24.76 RT	1	
22+73.05	19 RT	1	
22+73.96	20.90 LT	1	
23+16.87	20.67 LT	1	
23+19.13	19 RT	1	
24+87.77	20.82 LT	1	
24+93.41	20.63 RT	1	
25+27.17	20.75 RT	1	
25+28.25	20.70 LT	1	
26+82.25	20.81 RT	1	
26+84.49	20.76 LT	1	
27+18.66	20.72 RT	1	
27+23.6	20.76 LT	1	
28+78.91	21.27 RT	1	
28+90.02	20.82 LT	1	
29+14.55	22.69 RT	1	
29+17.04	19.85 LT	1	
30+75.6	18.74 LT	1	
30+75.92	22.04 RT	1	
31+17.37	20.68 RT	1	
31+19.70	20.80 LT	1	
32+77.73	20.79 RT	1	
32+78.55	20.79 LT	1	
33+11.36	23.50 LT	1	
33+17.28	20.73 RT	1	
34+74.11	31.67 RT	1	
34+81.27	20.76 LT	1	
35+18.08	20.57 RT	1	
35+24.42	29.47 LT	1	
36+59.07	27.97 RT	1	
36+65.95	27.66 LT	1	
37+03.42	26.06 RT	1	
37+08.63	23.50 LT	1	
38+72.05	20.77 RT	1	
38+73.24	23.38 LT	1	
39+19.26	19.88 RT	1	
39+31.4	34.21 LT	1	

SHEET NOTES:

1. STATION AND OFFSET PROVIDED FOR INFORMATION PURPOSES ONLY.
2. 608(1A) CONCRETE SIDEWALK 4 INCHES THICK EXCLUDES CURB RAMPS AND DRIVEWAY CURB CUTS.

Friday, December 12, 2014, 1:52 PM

SCHEDULES

STATE OF ALASKA 49TH
MATTHEW TODD STONE
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STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	C4	– –

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609(2) CURB AND GUTTER, TYPE 1

BEGIN	OFFSET	END	OFFSET	QUANTITY (LF)	REMARKS
10+24.02	37.05 RT	16+41.78	114.04 RT	711.89	
10+75.08	154.81 LT	16+41.51	114.27 LT	834.03	
16+77.41	57.89 RT	20+66.94	61.97 RT	460.50	
16+80.99	54.18 LT	18+60.33	80.60 LT	278.70	
18+99.84	72.10 LT	20+68.22	46.55 LT	243.30	
21+05.95	62.09 RT	24+99.54	86.7 RT	489.90	
21+07.7	46.48 LT	22+74.89	43.63 LT	215.90	
23+13.76	43.66 LT	24+89.44	42.73 LT	219.30	
25+24.87	41.69 RT	26+82.67	43.48 RT	202.30	
25+25.38	43.78 LT	26+86.74	70.68 LT	187.98	
27+16.08	43.40 RT	28+77.61	105.19 RT	274.00	
27+21.34	44.57 LT	28+88.95	139.79 LT	312.70	
29+12.13	48.95 RT	30+76.57	75.34 RT	249.37	
29+20.65	63.62 LT	30+78.60	46.14 LT	235.40	
31+13.07	75.34 RT	32+79.12	48.45 RT	246.10	
31+17.66	34.71 LT	32+80.55	39.09 LT	194.5	
33+12.3	64.58 LT	34+83.52	59.15 LT	261.23	
33+14.73	48.45 RT	34+76.51	59.20 RT	219.80	
35+12.73	57.27 RT	36+59.71	55.06 RT	211.25	
35+16.69	58.94 LT	36+75.67	73.23 LT	227.64	
36+94.97	56.16 RT	38+74.29	45.83 RT	230.20	
37+12.50	73.23 LT	38+78.28	76.87	275.9	
39+16.71	36.48 RT	39+34.33	17.69 RT	33.4	
39+21.19	68.03 LT	39+50.48	28.44 LT	57.90	

626(2) SEWER SERVICE CONNECTION

STATION	OFFSET (FT)	REMARKS
21+55.95	2.87 RT	
22+23.14	2.9 RT	
25+94.41	3.5 RT	
28+45.96	3.8 RT	
31+33.25	5.3 RT	

SEWER SERVICE DEPTHS ARE UNKNOWN. TABLE SHOWS LIKELY CONFLICTS. FIELD VERIFY AND RECONSTRUCT PER ENGINEERS DIRECTION.

627(10) ADJUSTMENT OF VALVE BOX

STATION	OFFSET (FT)	REMARKS
13+93	21.5 RT	
16+80	37.5 RT	
20+62	49 RT	
22+68	12 RT	
25+15	10.5 RT	
27+10	12 RT	
27+17	60.5 LT	
27+18	12 LT	
29+05	14.5 RT	
29+15	37 RT	
30+72	47 RT	
30+80	46 RT	
31+16	55 RT	
33+10	16.5 RT	
33+18	44.5 LT	
34+86	16 RT	
36+58	19 RT	
36+59	56 RT	
39+45	10 LT	

642(6) REPLACE EXISTING WITH PRIMARY MONUMENT

STATION	OFFSET (FT)	DESCRIPTION
13+24.5	0	FOUND BRASS CAP IN CASE
16+60.5	0	FOUND BRASS CAP IN CASE
18+81.5	0	FOUND BRASS CAP IN CASE
20+87.5	0	FOUND BRASS CAP IN CASE
20+94	0	FOUND BRASS CAP IN CASE
22+96.5	0	FOUND BRASS CAP IN CASE
25+08.5	0	FOUND BRASS CAP IN CASE
27+01	0	FOUND BRASS CAP IN CASE
28+95.5	0	FOUND BRASS CAP IN CASE
29+06.5	0	FOUND BRASS CAP IN CASE
30+97.5	0	FOUND BRASS CAP IN CASE
32+97	0	FOUND BRASS CAP IN CASE
34+99	0	FOUND BRASS CAP IN CASE
36+79	0	FOUND BRASS CAP IN CASE
36+93.5	0	FOUND BRASS CAP IN CASE
38+99	0	FOUND BRASS CAP IN CASE

642(7) REPLACE EXISTING WITH SECONDARY MONUMENT

STATION	OFFSET (FT)	DESCRIPTION
10+75	144.5 LT	1.5" ALUMINUM CAP
11+80	25 RT	1.5" ALUMINUM CAP
12+21	25 LT	REBAR
12+28	28.5 LT	1.5" ALUMINUM CAP
12+30	25 RT	1.5" ALUMINUM CAP
13+52	25 RT	REBAR
14+62.5	25 RT	REBAR
14+70.5	25 LT	1" IRON PIPE
16+35.5	25 LT	1.5" ALUMINUM CAP
16+35.5	25 RT	1.5" ALUMINUM CAP
17+45.5	25 LT	#4 REBAR
21+11.5	43 RT	#5 REBAR
21+29.5	25 RT	1.5" ALUMINUM CAP
31+21.5	25 RT	1" IRON PIPE
31+91.5	25 RT	1.5" ALUMINUM CAP
34+70	75.5 RT	1.5" ALUMINUM CAP

NOTE:

1. ALL PRIMARY MONUMENTS TO BE INSTALLED INSIDE A MONUMENT CASING.

SHEET NOTES:

1. STATION AND OFFSET PROVIDED FOR INFORMATION PURPOSES ONLY.

STATE OF ALASKA
49 TH
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REGISTERED PROFESSIONAL ENGINEER

SCHEDULES

Monday, December 15, 2014, 1:49 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	E1	– –

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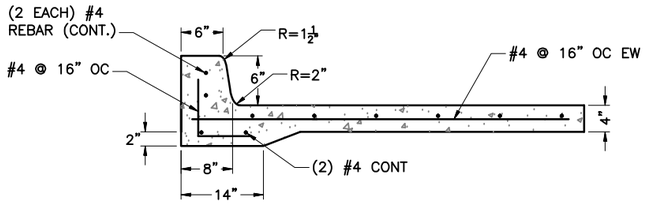
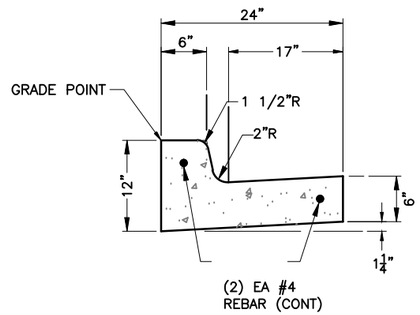


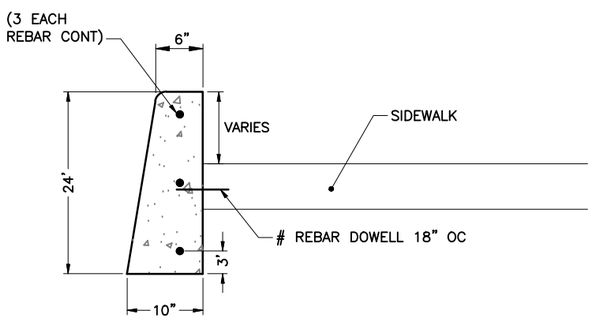
SIDEWALK WITH INTEGRATED BACKING CURB

NTS



STANDARD CURB & GUTTER

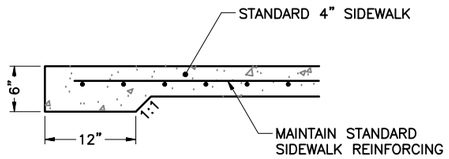
NTS



SPECIAL BACKING CURB

NTS

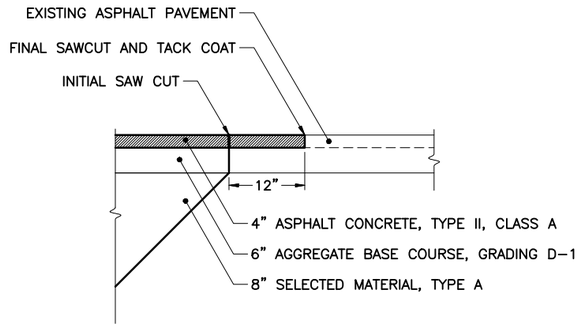
FOR USE AT SPECIAL CURB RAMPS



THICKENED EDGE SIDEWALK

NTS

SEE LANDSCAPING FOR LOCATIONS



ASPHALT SAWCUT AND PATCH

NTS

SHEET NOTES:

1. REFERENCE CITY OF FAIRBANKS, ALASKA STANDARD CONCRETE DETAILS AS MODIFIED FOR NOBLE STREET RECONSTRUCTION FOR FURTHER CONCRETE NOTES.
2. FOR SIDEWALK REINFORCEMENT, POSITION STEEL 1½" UP FROM BOTTOM OF SIDEWALK.
3. CONCRETE SHALL RECEIVE A MEDIUM BROOMED FINISH RUNNING PERPENDICULAR TO THE CURB ON RAMP RUNS AND UPPER LANDINGS AND PARALLEL TO THE DIRECTION OF TRAVEL ON LOWER LANDINGS.
4. SAWCUT ALL MATCH LINES WHERE NEW CONSTRUCTION OF PAVEMENT, SIDEWALK OR CURBING ABUTS EXISTING. SAWCUTS SUBSIDIARY TO 201(1).
5. INTEGRATED BACKING CURB IS SUBSIDIARY TO 608(1A).

CONCRETE DETAILS

Friday, December 12, 2014, 12:05 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	F1	– –

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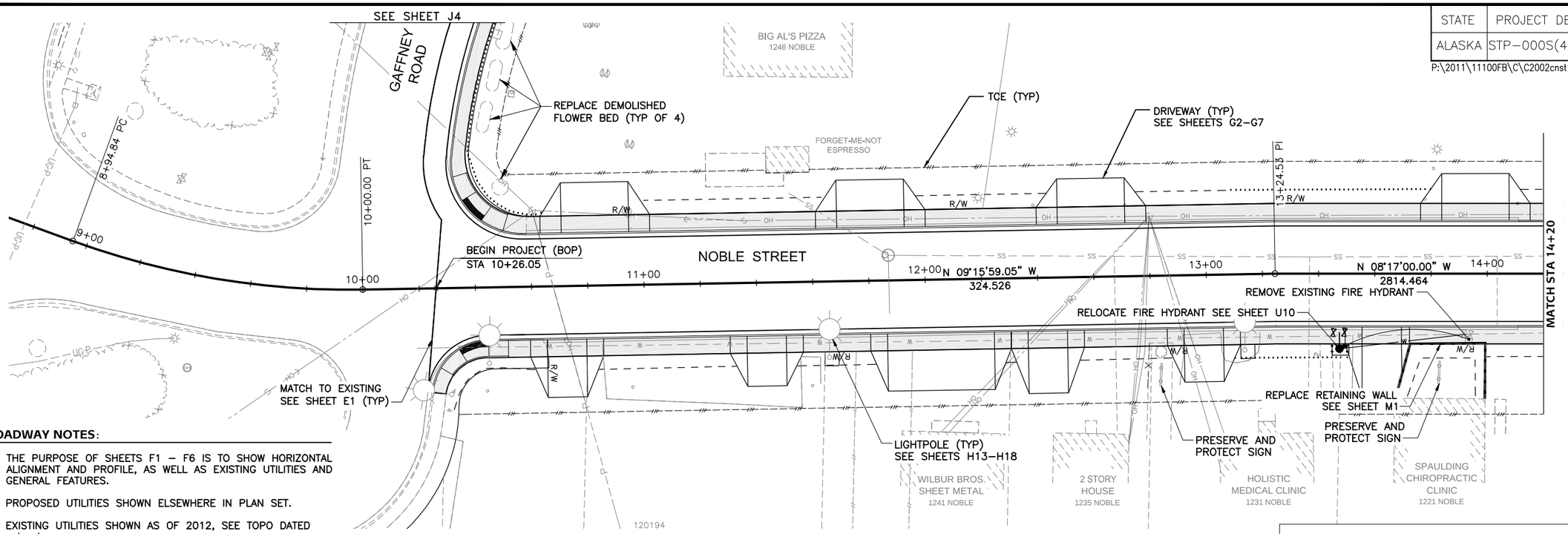

ROADWAY NOTES:

1. THE PURPOSE OF SHEETS F1 – F6 IS TO SHOW HORIZONTAL ALIGNMENT AND PROFILE, AS WELL AS EXISTING UTILITIES AND GENERAL FEATURES.
2. PROPOSED UTILITIES SHOWN ELSEWHERE IN PLAN SET.
3. EXISTING UTILITIES SHOWN AS OF 2012, SEE TOPO DATED X/XX/XX UPGRADES, FOR ADDITIONAL INFORMATION ON EXISTING UTILITIES AND FEATURES.
4. REMOVAL OF STORM DRAIN IS SUBSIDIARY TO 603 ITEMS.

ROADWAY 10+58 - 14+20

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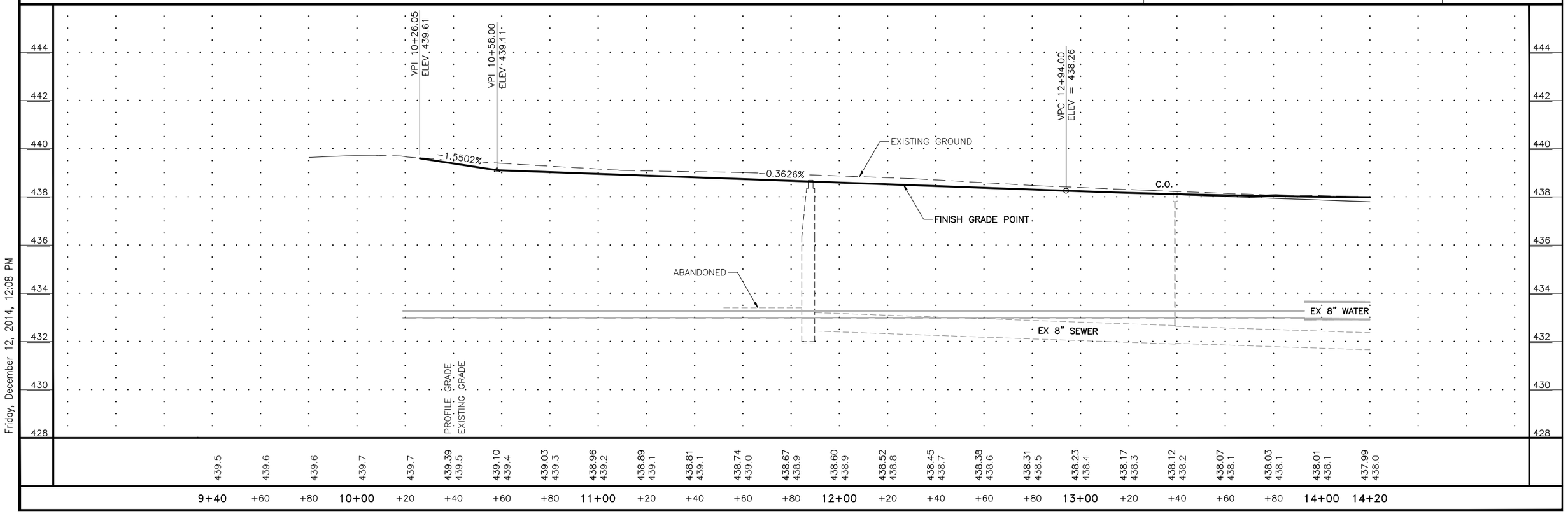

Friday, December 12, 2014, 12:08 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	F2	– –

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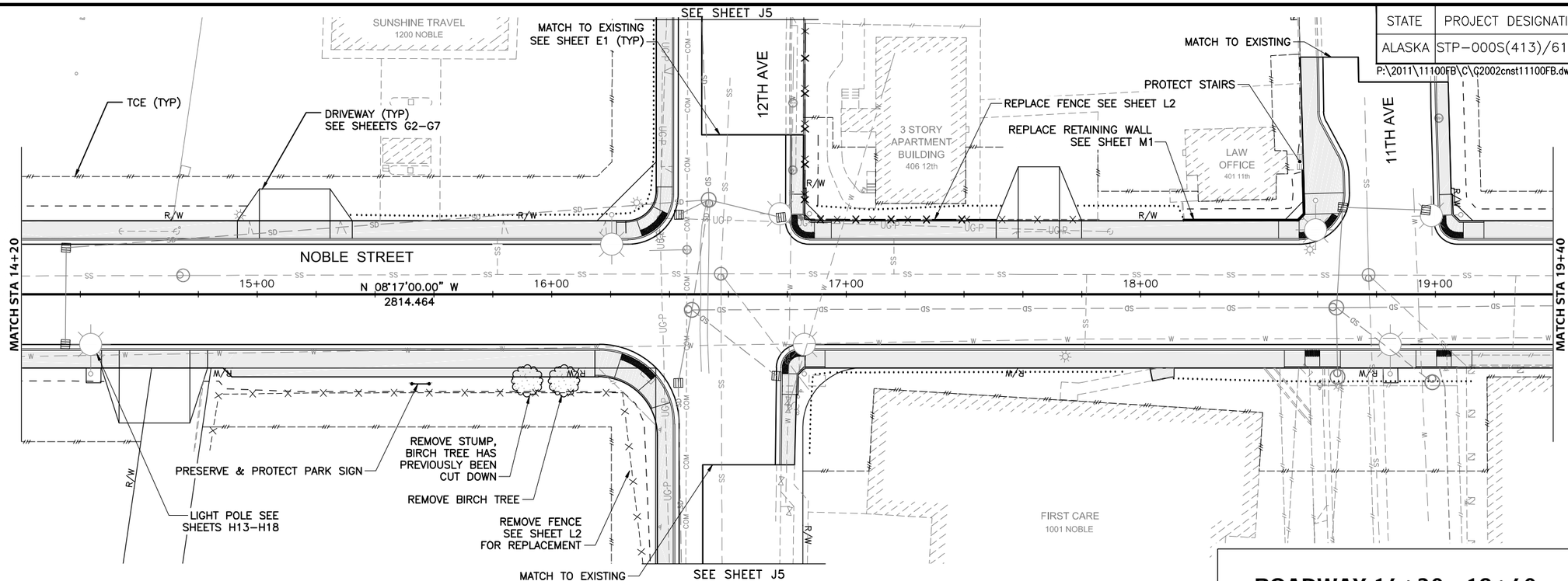

ROADWAY 14+20 - 19+40

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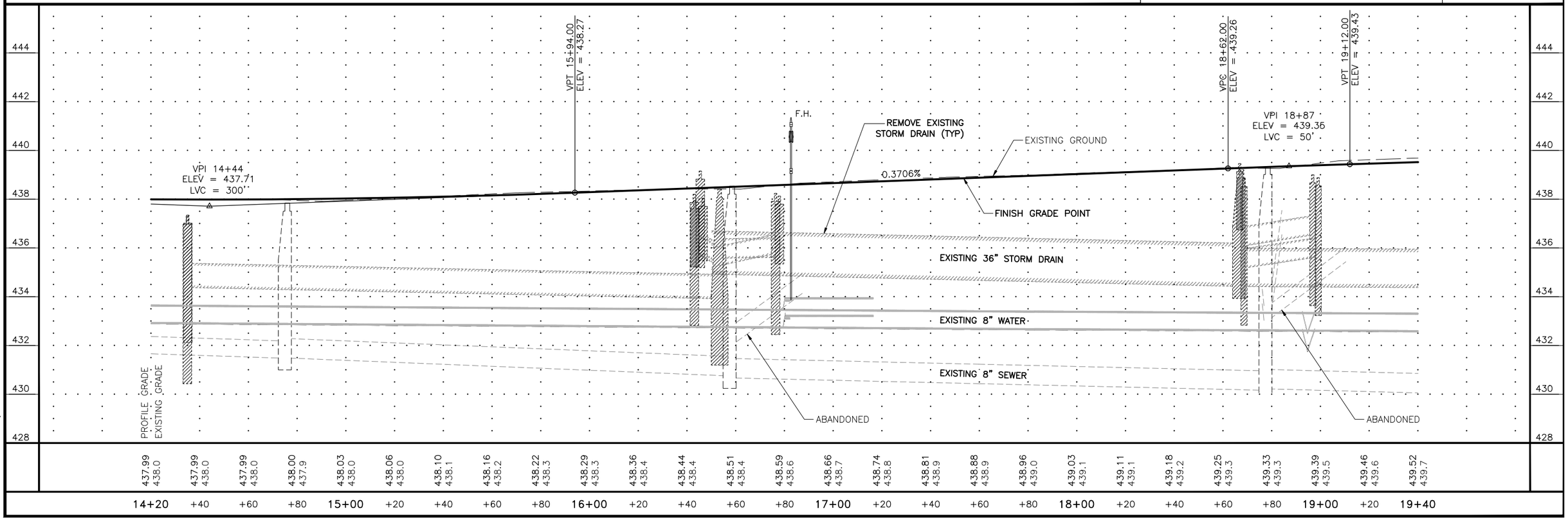

Friday, December 12, 2014, 12:09 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	F3	– –

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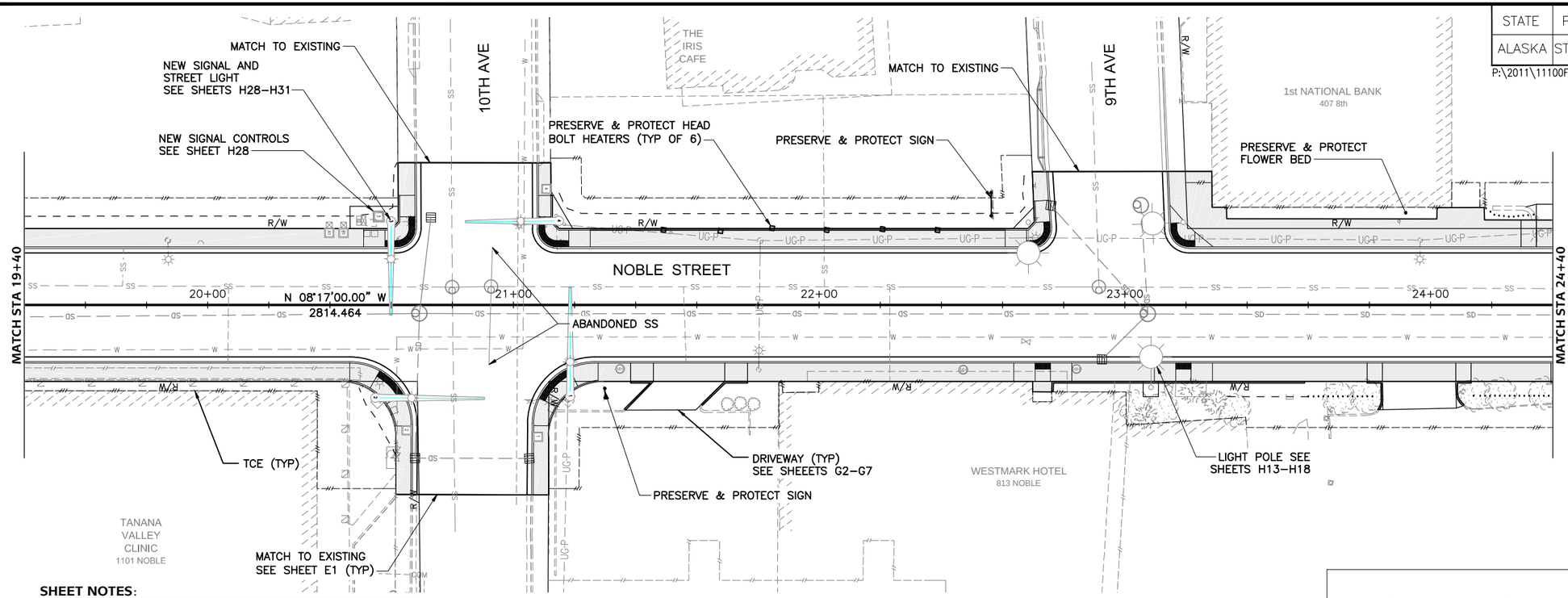

SHEET NOTES:

1. SEE SHEETS H28 TO H31 FOR SIGNAL POLE MOUNTED ILLUMINATION.

ROADWAY 19+40 - 24+40

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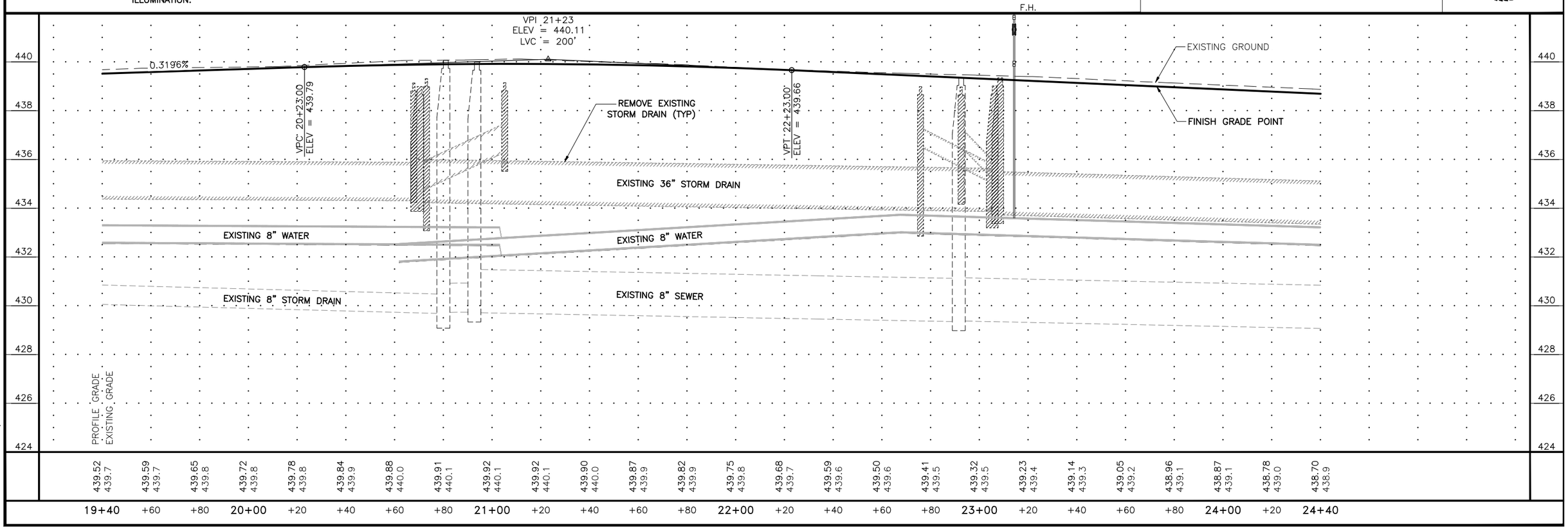

Friday, December 12, 2014, 12:09 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	F4	– –

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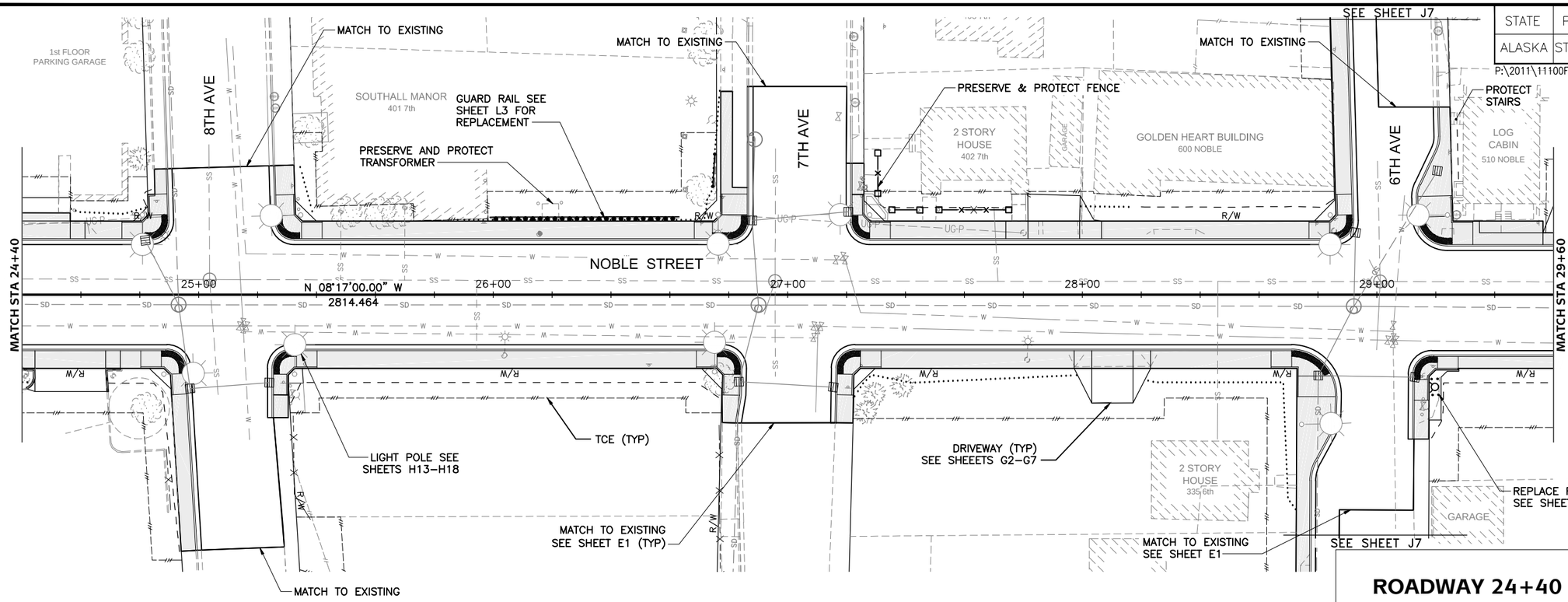

ROADWAY 24+40 - 29+60

STATE OF ALASKA 49TH
MATTHEW TODD STONE
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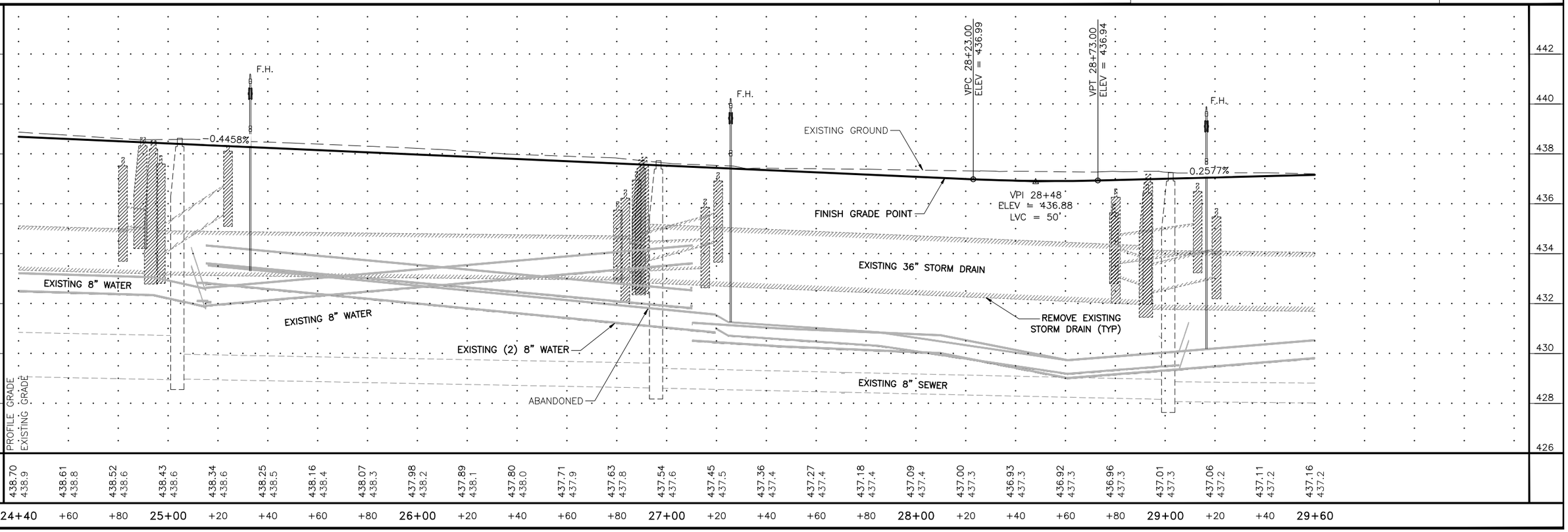
REGISTERED PROFESSIONAL ENGINEER



Friday, December 12, 2014, 12:10 PM

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	F5	– –

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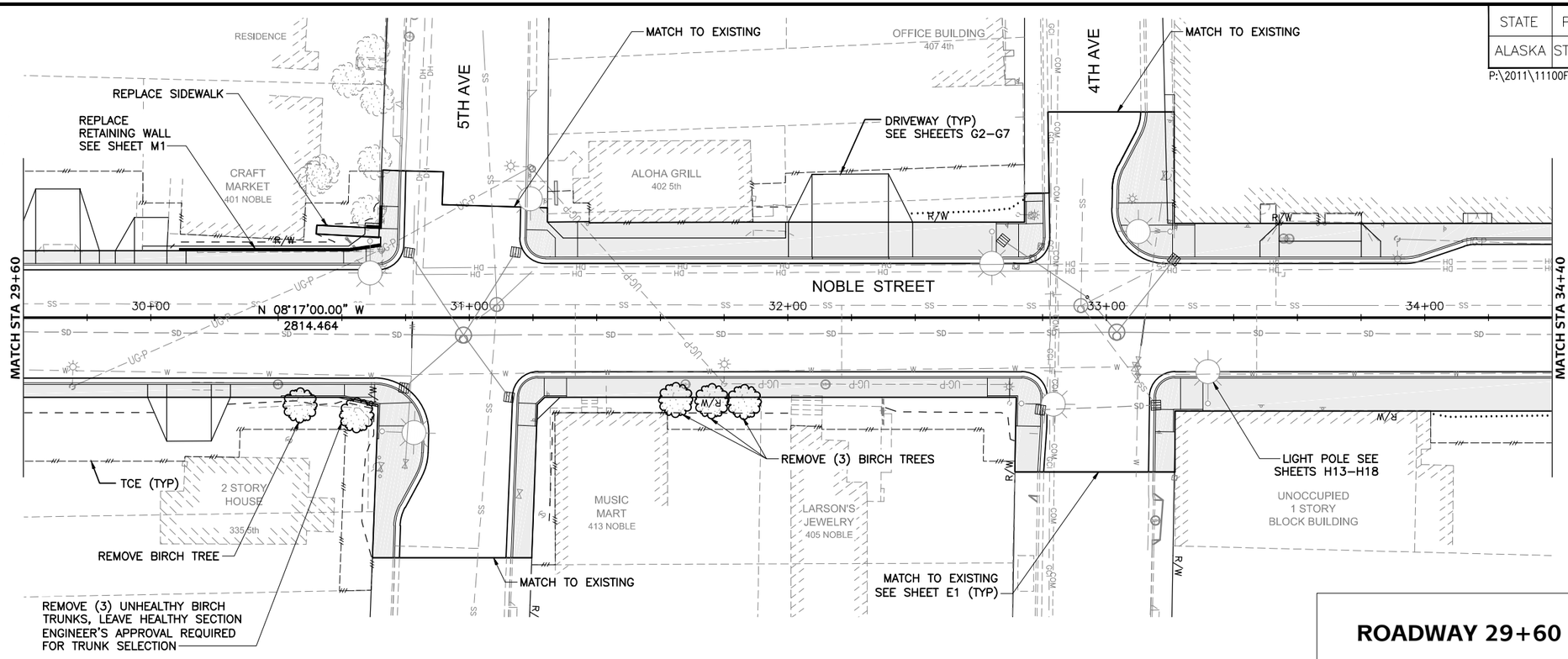

ROADWAY 29+60 - 34+40

STATE OF ALASKA 49TH
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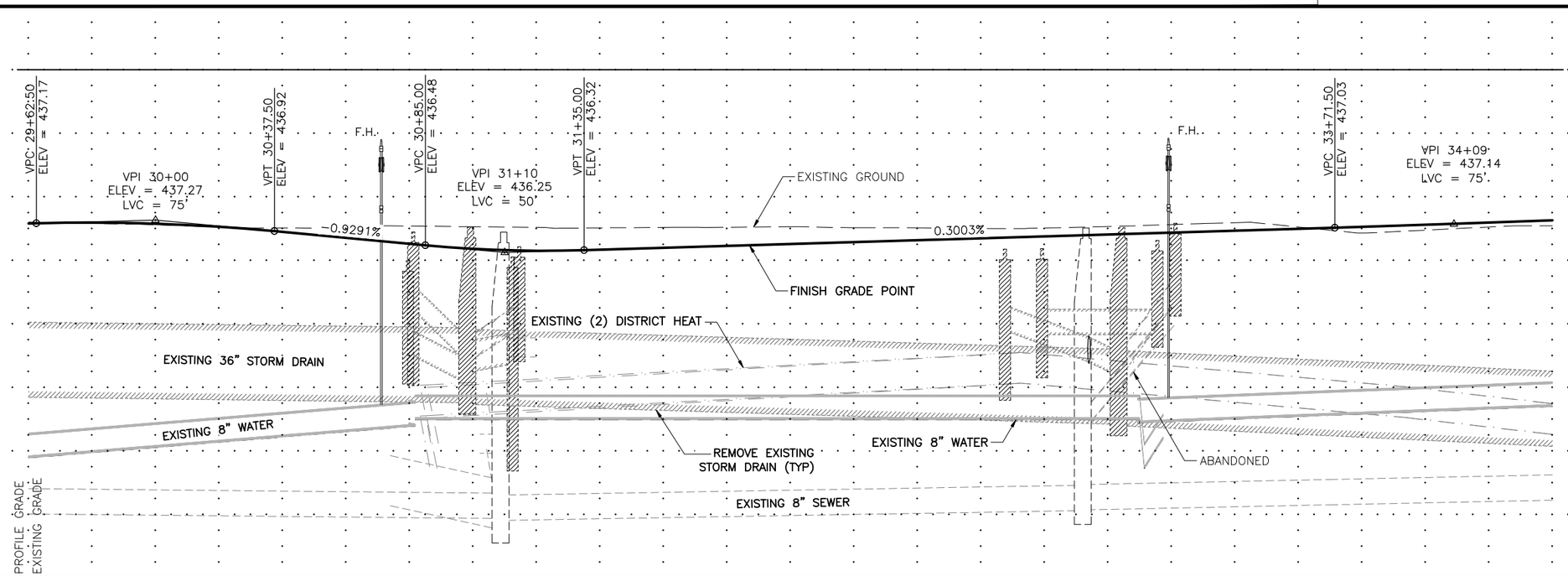
REGISTERED PROFESSIONAL ENGINEER



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STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-000S(413)/61725	2015	F6	– –

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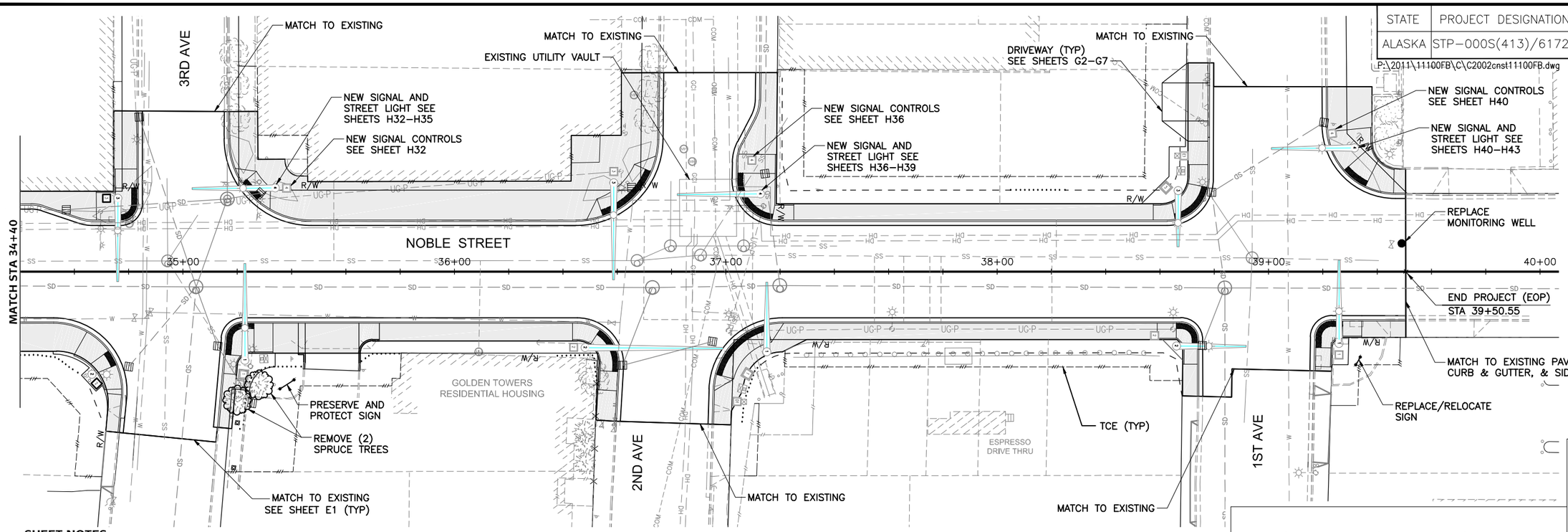

SHEET NOTES:

1. SEE SHEETS H32 TO H43 FOR SIGNAL POLE MOUNTED ILLUMINATION.

ROADWAY 34+40 - 39+50

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49 TH
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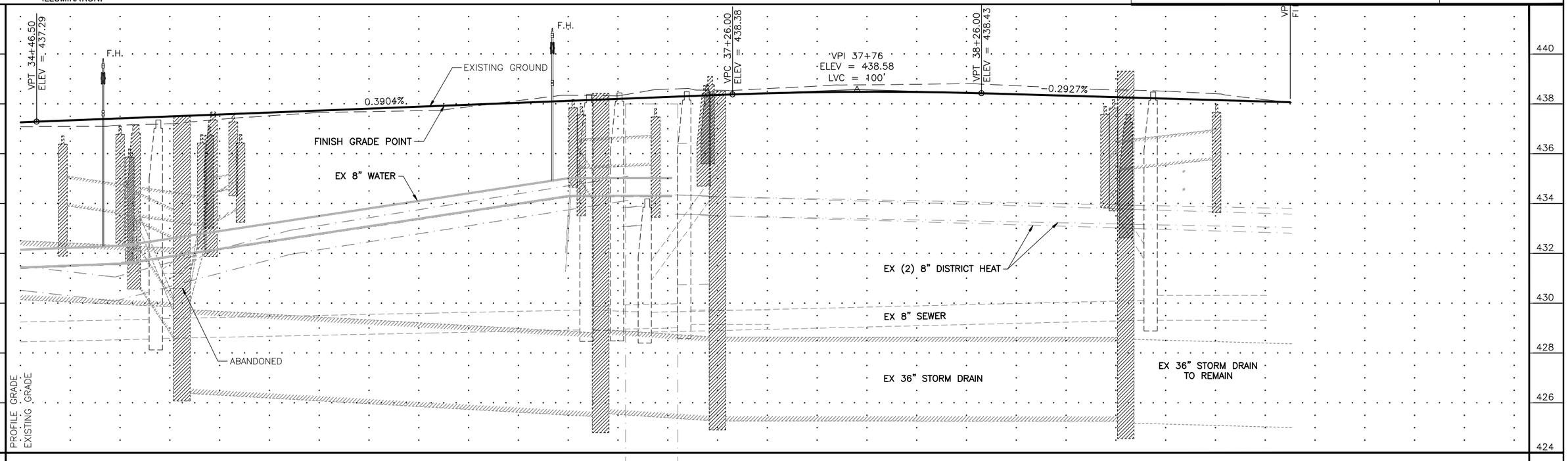

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