

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	XXXXXXXX/XXXXXXXXXXXX	2021	A1	1



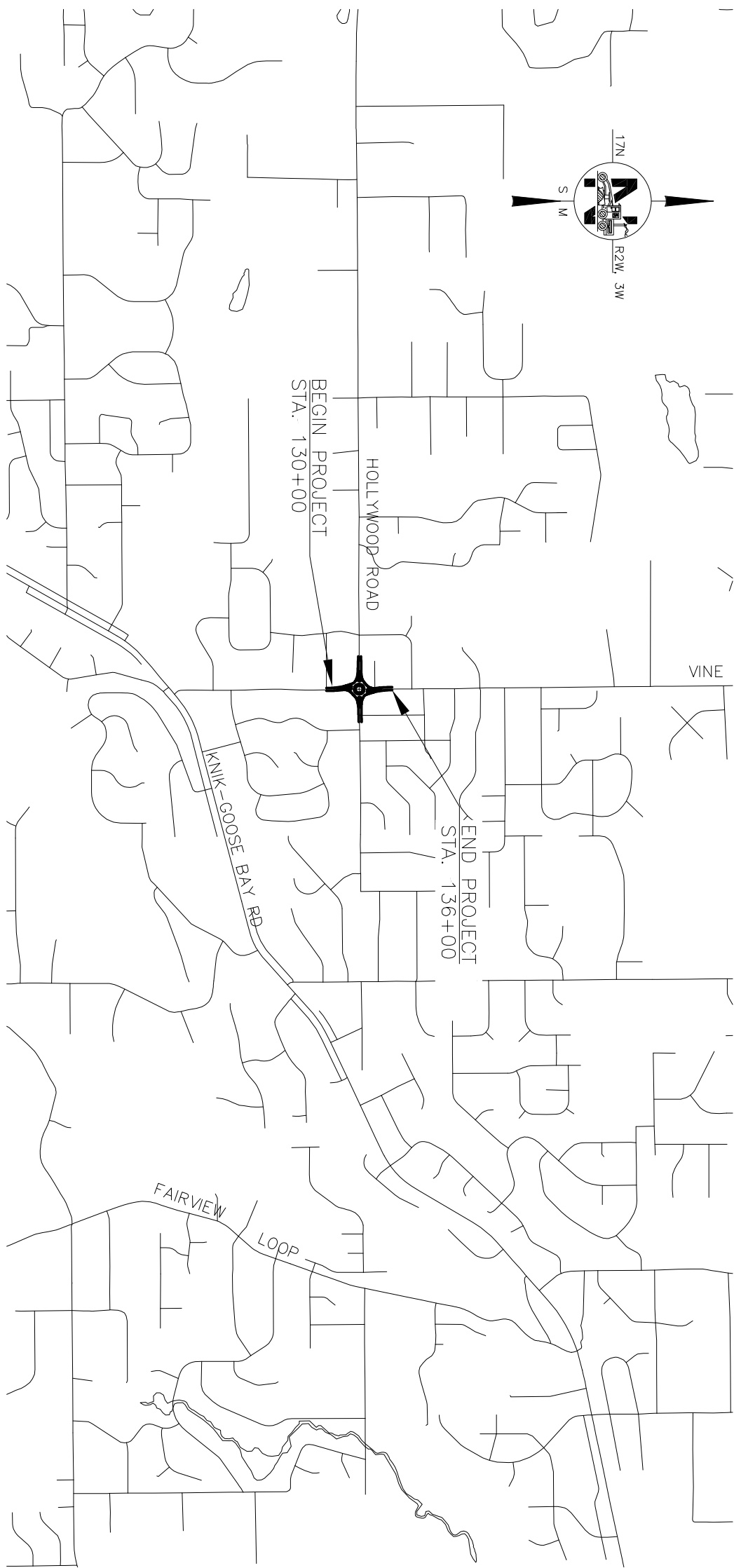
PROPOSED ROUNDABOUT PROJECT

VINE ROAD AT HOLLYWOOD INTERSECTION

IMPROVEMENTS

PROJECT NO. : 0001627 / CFHWY00463

GRADING, DRAINAGE, PAVING, PATHWAYS, ILLUMINATION, SIGNING, AND STRIPING



INDEX	
Sheet No.	Description
A1	TITLE SHEET
F1.0	Plan and Profile
B1.0	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES

DESIGN DESIGNATIONS			
	VINE ROAD	HOLLYWOOD ROAD	
FUNCTIONAL CLASS	URBAN MINOR ARTERIAL	URBAN MINOR COLLECTOR	
AADT (EXISTING YEAR)	3350	644	
AADT (DESIGN YEAR)	5388	1036	
DESIGN SPEED (V) (MPH)	50	15.9	
DIV (EXISTING YEAR)	12	15.9	
DIV (DESIGN YEAR)	12	15.9	
T-PERCENT COMMERCIAL TRUCKS (%)	6.38	5.99	
D-DIRECTIONAL DISTRIBUTION (%)	58	58	

THE FOLLOWING ALASKA STANDARD PLANS APPLY TO THIS PROJECT:

B-04.10, B-05.10, B-06.10, B-07.10, B-08.00
 C-04.12, C-05.20, D-04.22, D-06.10, D-20.05, D-22.01, D-23.01, D-24.00, D-25.00, D-26.04, D-30.11, D-31.01, D-43.12, D-44.12, D-45.12, E-09.00, F-01.04, F-03.02, F-04.02, F-05.12, G-00.05, G-05.11S, G-05.11W, G-09.05S, G-09.04W, G-10.20, G-11.01, G-14.01, G-16.00, G-20.12, G-26.00, G-29.00, G-32.00, G-46.12, I-21.12, I-22.11, I-30.10, L-24.10, L-26.10, L-30.11, M-13.01, M-16.01, M-20.15, M-23.13, M-24.01, S-00.12, S-05.02, S-23.04, S-30.05, S-31.02, S-32.02, S-52.01, T-05.10, T-06.00, T-20.04, T-21.04, T-22.04, T-23.01, T-25.10, T-30.12, T-52.21, T-53.01, T-54.10, T-55.10, T-56.10, T-57.10, U-03.01

PLANS DEVELOPED BY: BHKPT ENGINEERING

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 4111 AVIATION AVENUE, ANCHORAGE, AK 99502
 (907)269-0590

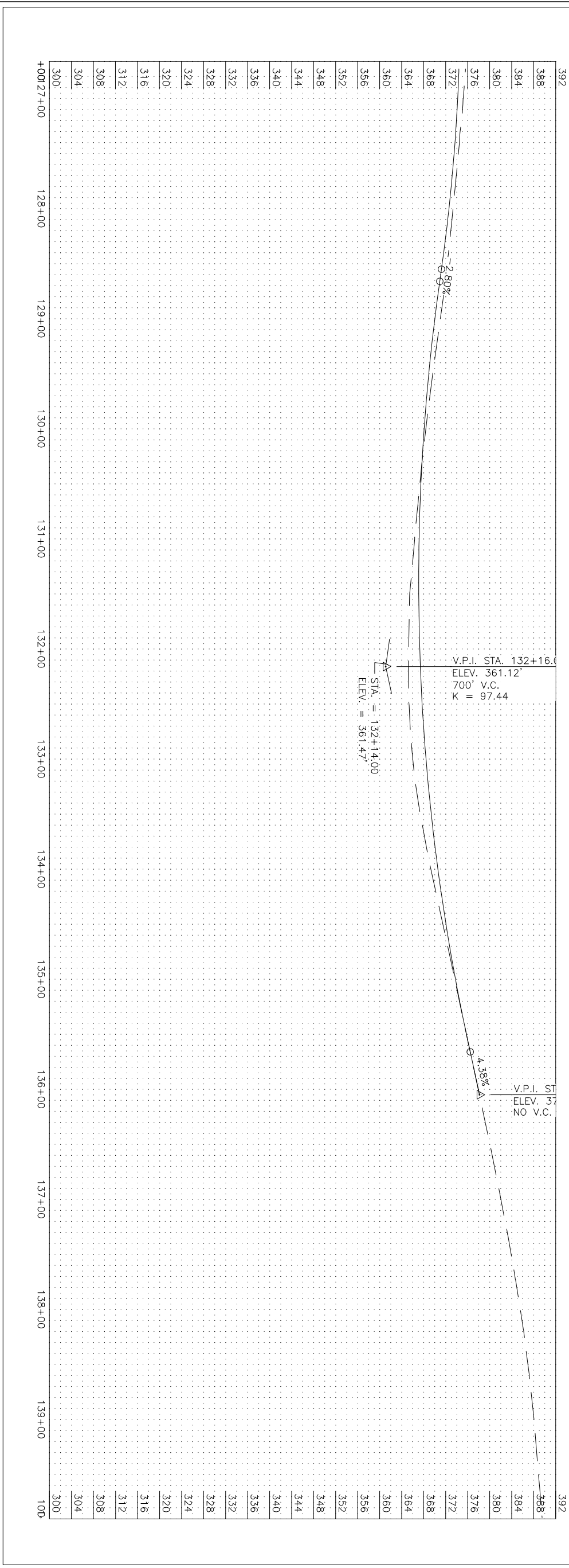
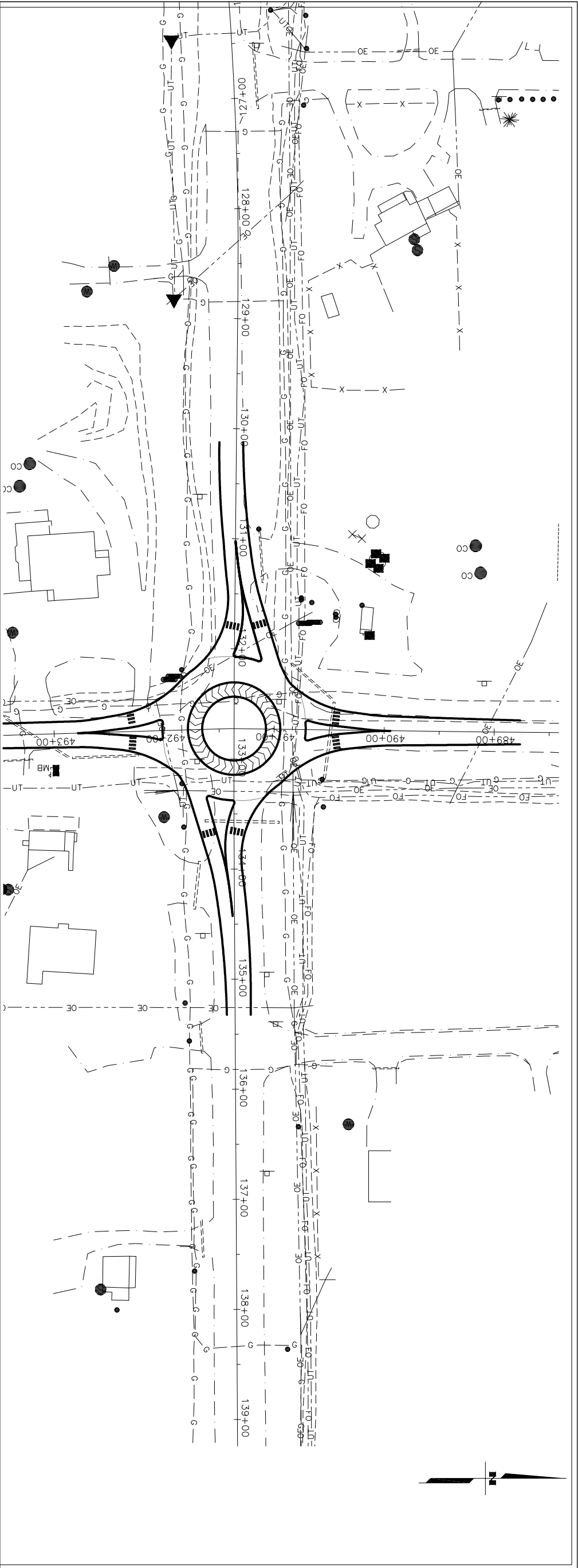
APPROVED: _____

REGIONAL PRECONSTRUCTION ENGINEER

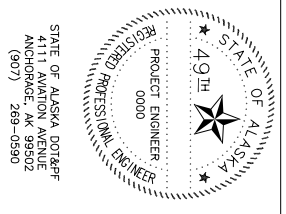
CONCUR: _____

REGIONAL CONSTRUCTION ENGINEER

DATE _____



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F 1	1
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XXXXXXXXXX / XXXXXXXXXXXXX	
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DATE	REVISION



STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
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PLAN AND PROFILE

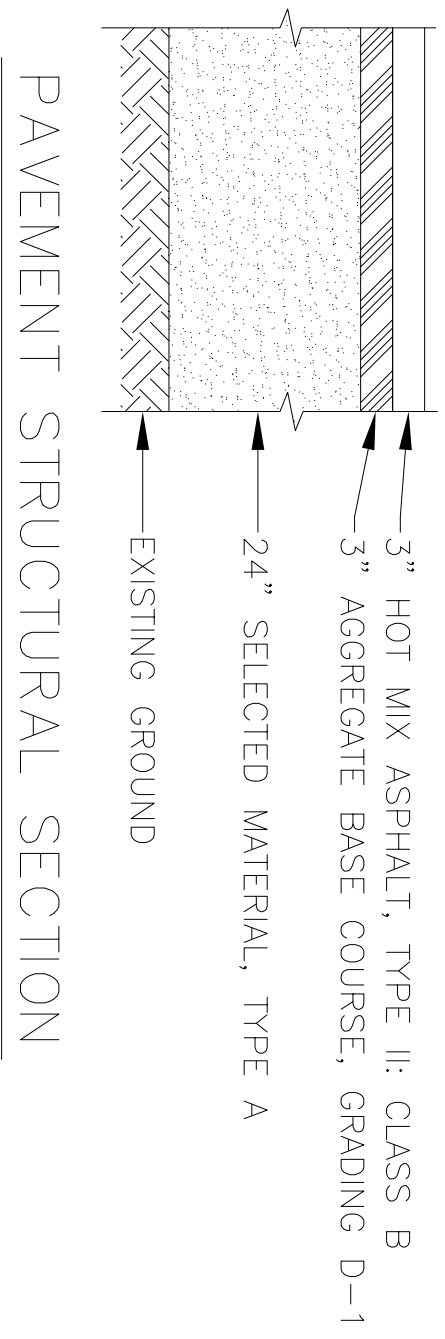
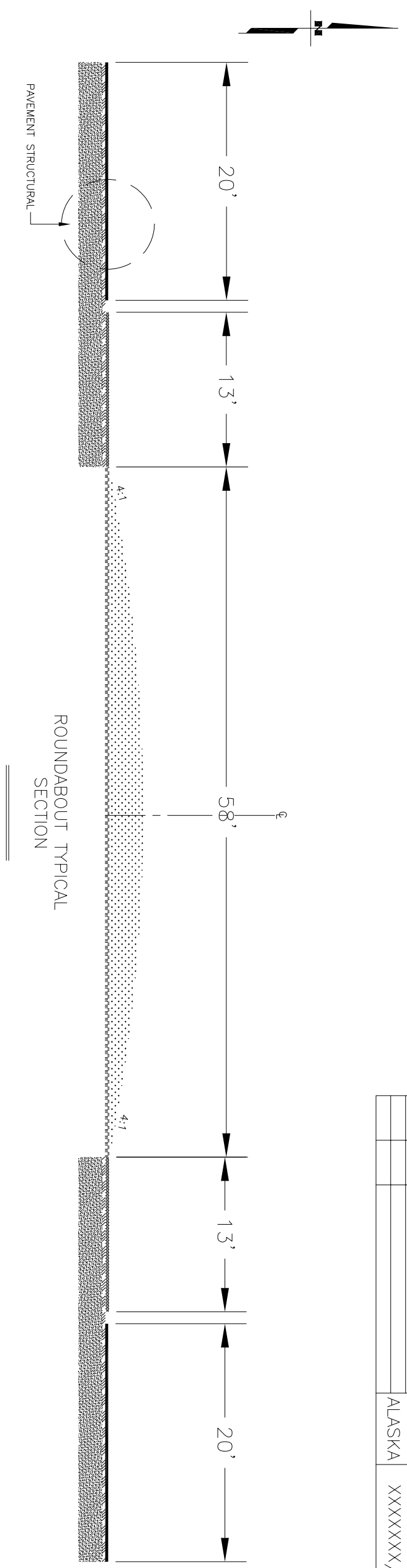
DESIGNED BY
CHECKED BY
DRAFTED BY

SCALE

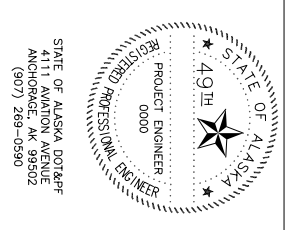
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DRAWING LOCATION
S:\SHANKART\VINE ROAD PROJECT\VINE AND HOLLYWOOD\SHEETS\B1.0 TYPICAL SECTIONS.DWG

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TYPICAL DETAIL HATCH PATTERNS				
ITEM	HATCH PATTERN	ANGLE	LAYOUT SCALE	
ASPHALT	(SOLID)	0	1	
BINDER COURSE	(ANSI33)	0	0.5	
BASE COURSE	(ANSI34)	90	0.5	
SUBBASE	(AR-SAND)	0	0.1	
EARTH COMPACTED	(EARTH)	0	1	
EXISTING GROUND	(EARTH)	45	1	
DITCH LINING	(GRAVEL)	30	0.5	
RIPRAP	(GRAVEL)	30	1	OR AS DESIRED
BEDROCK	(ANSI31)	90	1	
CONCRETE	(AR-CONC)	0	0.1	
INSULATION BOARD	(ANSI37)	0	2	
SAND	(AR-SAND)	0	0.3	
DITCHLINE/SUBGRADE BLASTING	(ZIGZAG)	0	1	
GEOTEXTILE	DASHDOT2			



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

VINE ROAD AT HOLLYWOOD
INTERSECTION IMPROVEMENTS

TYPICAL SECTIONS

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	TOTAL QUANTITY
201.0009.0000	CLEARING AND GRUBBING	L.S.	2
202.0002.0000	REMOVAL OF PAVEMENT	S.Y.	5500
202.0004.0000	REMOVAL OF CULVERT PIPE	L.F.	500
203.0003.0000	UNCLASSIFIED EXCAVATION	C.Y.	6500
203.0006.0000	BORROW	TON	6500
203.0009.0000	OBLITERATION OF ROADWAY	S.Y.	XXX
205.0004.0000	POROUS BACKFILL MATERIAL	C.Y.	XXX
301.0001.0001	AGGREGATE BASE COURSE, GRADING D-1	TON	750
306.0001.0000	ATB	TON	750
306.0002.0000	ASPHALT BINDER, GRADE PG 64-40	TON	40
401.0001.0000	HMA, TYPE II; CLASS B	TON	750
401.0008.0000	HMA PRICE ASJUSTMENT,TYPE II; CLASS B	C.S.	ALL REQ'D
401.0015.0000	ASPHALT MATERIAL PRICE ADJUSTMENT	C.S.	ALL REQ'D
618.0002.0000	SEEDING	POUND	60
618.0003.0000	WATER FOR SEEDING	M GAL.	0.1
619.2001.0000	COMPOST	S.Y.	XXX
619.2002.0000	TURF REINFORCEMENT MAT	S.Y.	XXX
619.2003.0000	SEDIMENT RETENTION FIBER ROLLS	L.F.	XXX
620.0001.0000	TOPSOIL	S.Y.	2500
631.0001.0002	GEOTEXTILE, DRAINAGE, CLASS 2	S.Y.	XXX
633.0001.0000	SILT FENCE	L.F.	XXX
640.0001.0000	MOBILIZATION AND DEMOBILIZATION	L.S.	ALL REQ'D
641.0001.0000	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	L.S.	ALL REQ'D
641.0005.0000	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	C.S.	ALL REQ'D
641.0006.0000	WITHHOLDING	C.S.	ALL REQ'D
641.0007.0000	SWPPP MANAGER	L.S.	ALL REQ'D
642.0001.0000	CONSTRUCTION SURVEYING	L.S.	ALL REQ'D
642.0003.0000	THREE PERSON SURVEY PARTY	HOURL	36
642.2008.0000	PASSING SIGHT DISTANCE MEASUREMENT	STATION	XXX
643.0002.0000	TRAFFIC MAINTENANCE	L.S.	ALL REQ'D
643.0003.0000	PERMANENT CONSTRUCTION SIGNS	L.S.	ALL REQ'D
643.0023.0000	TRAFFIC PRICE ADJUSTMENT	C.S.	ALL REQ'D
643.0025.0000	TRAFFIC CONTROL	C.S.	ALL REQ'D
643.0032.0000	FLAGGING	C.S.	ALL REQ'D
644.0001.0000	FIELD OFFICE	L.S.	ALL REQ'D
644.2002.0000	ENGINEERING COMMUNICATIONS	C.S.	ALL REQ'D
645.0001.0000	TRAINING PROGRAM, X TRAINEES / APPRENTICES	LABOR HOUR	800
646.0001.0000	CPM SCHEDULING	L.S.	ALL REQ'D
647.2002.0000	BACKHOE, 4WD, 1 CY BUCKET, 75 HP MIN, 15 FT DEPTH	C.S.	ALL REQ'D
670.2012.0000	MMA PAVEMENT MARKINGS, LONGITUDINAL INLAID	L.F.	1

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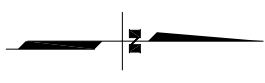
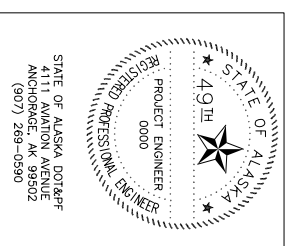


TABLE OF ESTIMATING FACTORS

ITEM NO.	ITEM DESCRIPTION	UNIT
203.006.0000	BORROW , TYPE A	145 LB./C.F.
301.0001.0001	AGGREGATE BASE COURSE, GRADING D-1	148 LB./C.F.
401.0001.0000	ASPHALT CONCRETE , TYPE II : CLASS B	153 LB./C.F.
401.0002.0000	ASPHALT CEMENT , GRADE PG 52-28	5.5% WT. OF 401(1B)
618.0003.0000	WATER FOR SEEDING	1.0 GAL./S.F.



STATE OF ALASKA DOT&PF
4111 AVATION AVENUE
ANCHORAGE, AK 99502
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DEPARTMENT OF TRANSPORTATION
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VINE RD AT HOLLYWOOD
INTERSECTION IMPROVEMENTS
ESTIMATING FACTORS