

# STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

## RIGHT - OF - WAY MAP ALASKA PROJECT HSIP: BOGARD ROAD AT ENGSTROM ROAD AND GREEN FOREST DRIVE INTERSECTION IMPROVEMENTS PROJECT NO. 0001630/CFHWY00453

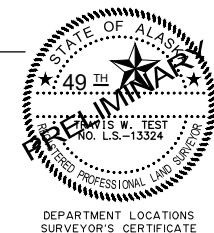
PROJECT DESIGNATION	SHEET NUMBER	TOTAL SHEETS
0001630/CFHWY00453	R1	R10

**CERTIFICATE OF APPROVAL BY THE PLATTING AUTHORITY**  
 I HEREBY CERTIFY THAT THE RIGHT OF WAY PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE REGULATIONS OF THE MATANUSKA-SUSITNA BOROUGH PLATTING AUTHORITY AND THAT SAID PLAT HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY PLAT RESOLUTION NO. \_\_\_\_\_ DATED \_\_\_\_\_ AND THAT THE PLAT SHOWN HEREON HAS BEEN APPROVED FOR RECORDING IN THE PALMER RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA, IN WHICH THE PLAT IS LOCATED.

ATTEST:  
 \_\_\_\_\_  
 PLANNING & LAND  
 MATANUSKA-SUSITNA BOROUGH  
 PLATTING AUTHORITY

**DEPARTMENT 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 \_\_\_\_\_  
 TRAVIS W. TEST

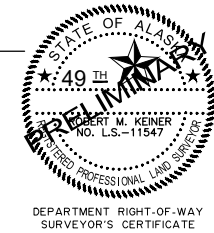


ALASKA DOT&PF  
 4111 AVIATION AVENUE  
 ANCHORAGE AK 99502  
 PHONE: (907) 269-0700

DEPARTMENT LOCATIONS SURVEYOR'S CERTIFICATE

**DEPARTMENT 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 \_\_\_\_\_  
 ROBERT M. KEINER



ALASKA DOT&PF  
 4111 AVIATION AVENUE  
 ANCHORAGE AK 99502  
 PHONE: (907) 269-0700

DEPARTMENT RIGHT-OF-WAY SURVEYOR'S CERTIFICATE

DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES

APPROVED \_\_\_\_\_, 20\_\_\_\_  
 Date

REGIONAL CHIEF RIGHT-OF-WAY AGENT

THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DEFINED BY A.S. 40.15.900(5).

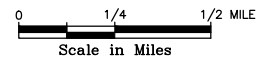
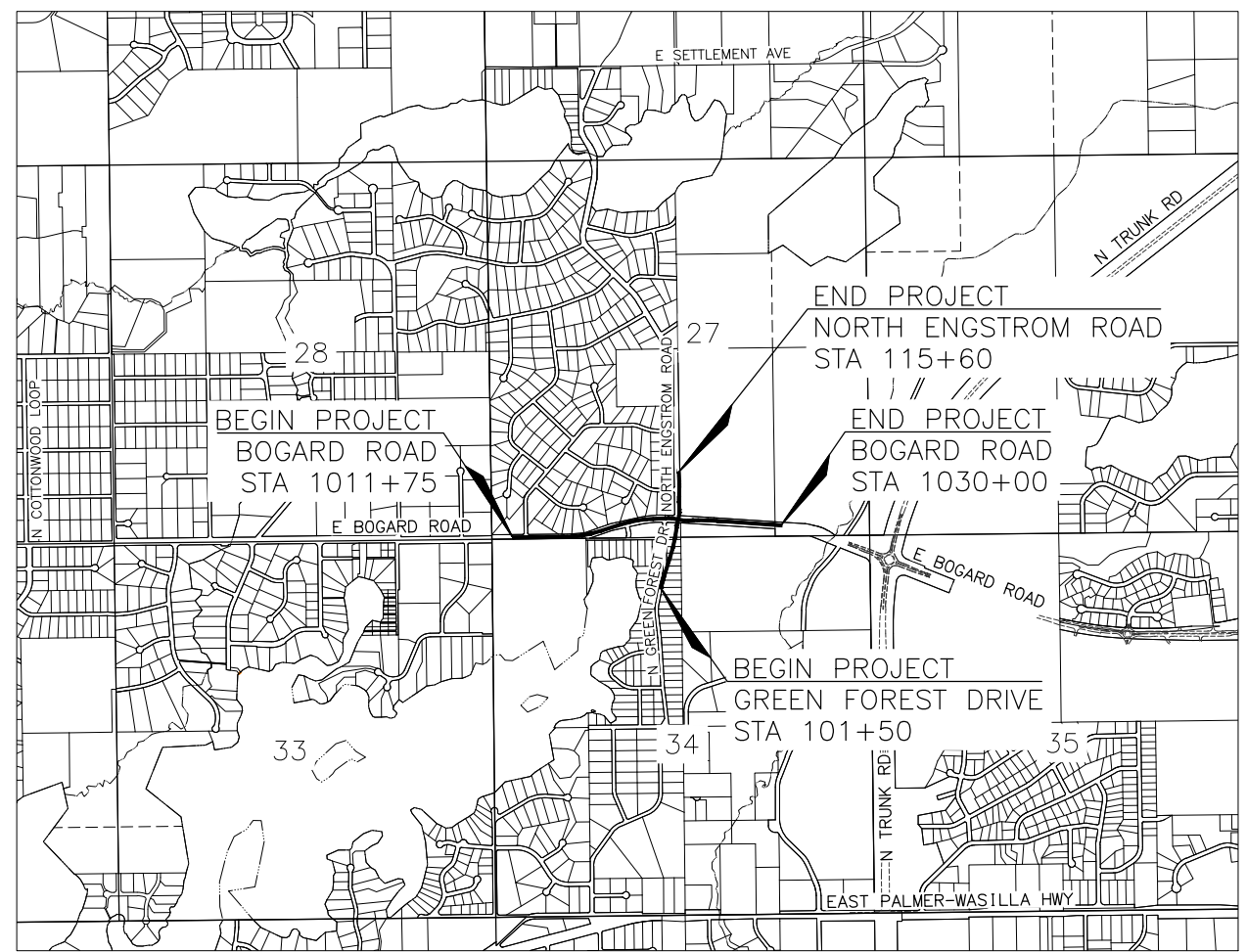
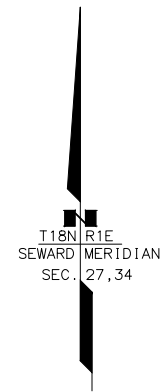
WITHIN A PORTION OF SECTION: 27, 34, T18N R1E, SEWARD MERIDIAN

RECORD OF SURVEY - PALMER RECORDING DISTRICT

STATE BUSINESS - NO FEE



**SPECIAL GENERAL NOTE:**  
 SUBDIVISION NAMES, PLAT NUMBERS, AND DEPICTIONS OF PROPERTIES ADJACENT TO THE RIGHT OF WAY SHOWN HEREON WERE GENERATED AT THE TIME OF THE INITIAL PLAN DEVELOPMENT. THIS PLAN SET DOES NOT NECESSARILY REFLECT THE CURRENT STATUS AT THE TIME OF RECORDING OF THIS DOCUMENT.



PRELIMINARY

3/30/2023

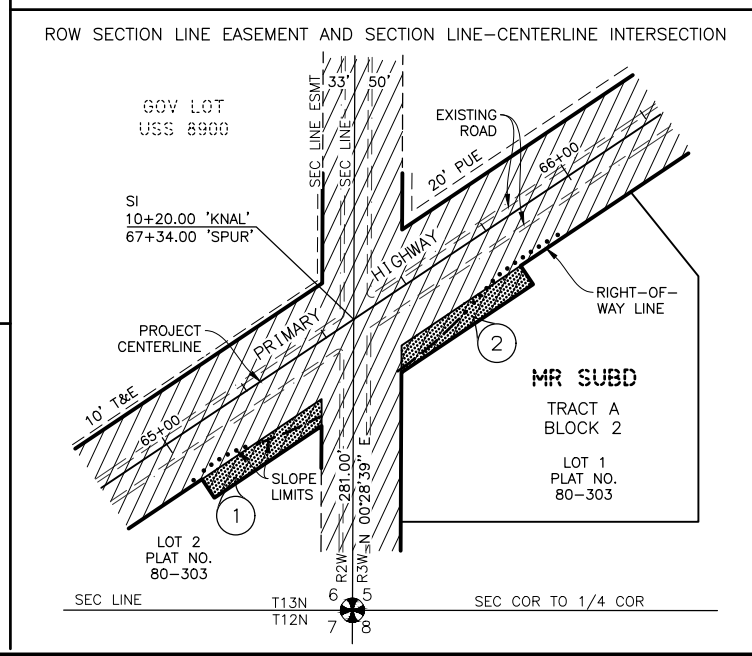
ACQUISITION DATES: MARCH 2023 - MARCH 2025  
 CONSTRUCTION DATES: NOVEMBER 2024 - NOVEMBER 2026  
 PROJECT LENGTH: 0.6 MILES

SITE MAP  
 U.S.G.S. QUADRANGLE ANCHORAGE (C-7) ALASKA

	EXISTING	PROPOSED
EDGE OF PAVEMENT		
LIMIT OF CUT SLOPE & FILL SLOPE		
GRAVEL EDGE		
SIDEWALK AND PATH/TRAIL		
CONCRETE CURB & GUTTER		
CONCRETE CURB CUT		
PARALLEL CURB RAMP		
PERPENDICULAR CURB RAMP		
UNIDIRECTIONAL CURB RAMP & MID-BLOCK CURB RAMP		
DETECTABLE WARNING TILE		
BRIDGE		
TUNNEL		
GUARDRAIL		
END & PARALLEL END SECTIONS		
ROADWAY OBLITERATION		
FENCE		
STONE FENCE		
NOISE BARRIER		
RETAINING WALL		
HEADWALL & WINGWALL		
BOTTOM OF DITCH		
SPECIAL DITCH		
FLAT BOTTOM DITCH		
BERM		
RIPRAP		
BOULDER OR BOULDERS		
PRIVATE SIGN, MAILBOX		
POST, BOLLARD		
PLANTER		
BUILDING OR FOUNDATION		
BOARDWALK AND STAIRS		

	EXISTING	
STORM DRAIN		
STORM DRAIN MANHOLE, CLEANOUT		
CURB INLET CATCH BASIN		
FIELD INLET CATCH BASIN		
PIPE CULVERT WITH END SECTION		
SANITARY SEWER		
SANITARY SEWER MANHOLE, CLEANOUT		
SEPTIC VENT, SEWER SERVICE CONNECTION		
WATER		
FIRE HYDRANT, VALVE OR RISER		
WELL, WATER SERVICE CONNECTION		
NATURAL GAS, METER		
OIL OR GASOLINE PIPELINE, PUMP		
TANKS (ABOVE GROUND, UNDERGROUND)		
ELECTRIC		(OVERHEAD) (UNDERGROUND) (OVERHEAD)
UTILITY POLE, POLE WITH LUMINAIRE		
GUY POLE, GUY WIRE ANCHOR		
TRANSMISSION TOWER (WOOD, STEEL)		
ELECTRIC PEDESTAL, TRANSFORMER		
ELECTRIC MANHOLE, METER		
ELECTRIC OUTLET, LANDSCAPE LIGHT		
TELEPHONE		(OVERHEAD) (UNDERGROUND) (UNDERGROUND)
TELEPHONE MANHOLE, PEDESTAL		
FIBER OPTIC		
FIBER OPTIC MANHOLE		
CABLE TV		(OVERHEAD) (UNDERGROUND)
CABLE TV PEDESTAL, SATELLITE DISH		
UNDERGROUND DUCT, UTILIDOR (ELECTRIC, TELEPHONE, FIBER OPTIC)		
VENT		

	EXISTING
LOAD CENTER	
STATE TRAFFIC, MOA TRAFFIC, & BEACON CONTROLLER	
ARROW INDICATES DOOR LOCATION	
TYPE 1A, II, III, IV JUNCTION BOX	
FIBER OPTIC VAULT	
ELECTROLIER	
HIGHTOWER	
SIGNAL POLE WITH MASTARM	
PEDESTRIAN PUSH BUTTON & SIGNAL	
VEHICULAR SIGNAL	
VEHICULAR SIGNAL LEFT & RIGHT	
OPTICAL, CAMERA, RADAR, AND GPS DETECTOR	
LOOP DETECTOR	
COMMUNICATION ANTENNA	
MASTARM BEACON	
RURAL & SCHOOL ZONE BEACON	
LOOP DETECTOR CONDUIT	
SIGNAL CONDUIT	
LIGHTING CONDUIT	
SIGNAL & LIGHTING CONDUIT	
CONDUIT BORING	
CONDUIT SIZE IN INCHES	
INTERCONNECT	
SIGN POST	



	RECOVERED	SET THIS PROJECT
FEDERAL GOVERNMENT SURVEY MONUMENT		
GOVERNMENT CONTROL STATION		
PRIMARY MONUMENT (BRASS/AL CAP)		
MISC SECONDARY CORNER		
PRIMARY CENTERLINE MONUMENT		
SECONDARY CENTERLINE MONUMENT		
RANDOM CONTROL MONUMENT		
PRIMARY GPS CONTROL POINT		
HORIZONTAL CONTROL POINT		
SECONDARY CONTROL POINT		
VERTICAL BENCHMARK		
TEMPORARY BENCHMARK		
TOWNSHIP AND RANGE / SECTION LINES		
SECTION LINE		
1/4 SECTION LINE		
1/16 SECTION LINE		
CORPORATE or CITY LIMITS		
EXISTING RIGHT-OF-WAY		
RIGHT-OF-WAY OR EASEMENT REQUIRED		
PROJECT RIGHT-OF-WAY LINE		
EXISTING RIGHT-OF-WAY EASEMENT		
EXISTING PROPERTY LINE		
CONTROLLED ACCESS LINE		
EXISTING UTILITY EASEMENT		
PROPOSED UTILITY EASEMENT		
DESIGN CENTERLINE		
ROW PROPOSED CENTERLINE (DESIGN)		
EXISTING CENTERLINE		
RAILROAD CENTERLINE		
TEMPORARY CONSTRUCTION EASEMENT		
TEMPORARY CONSTRUCTION PERMIT		

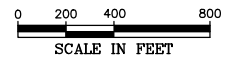
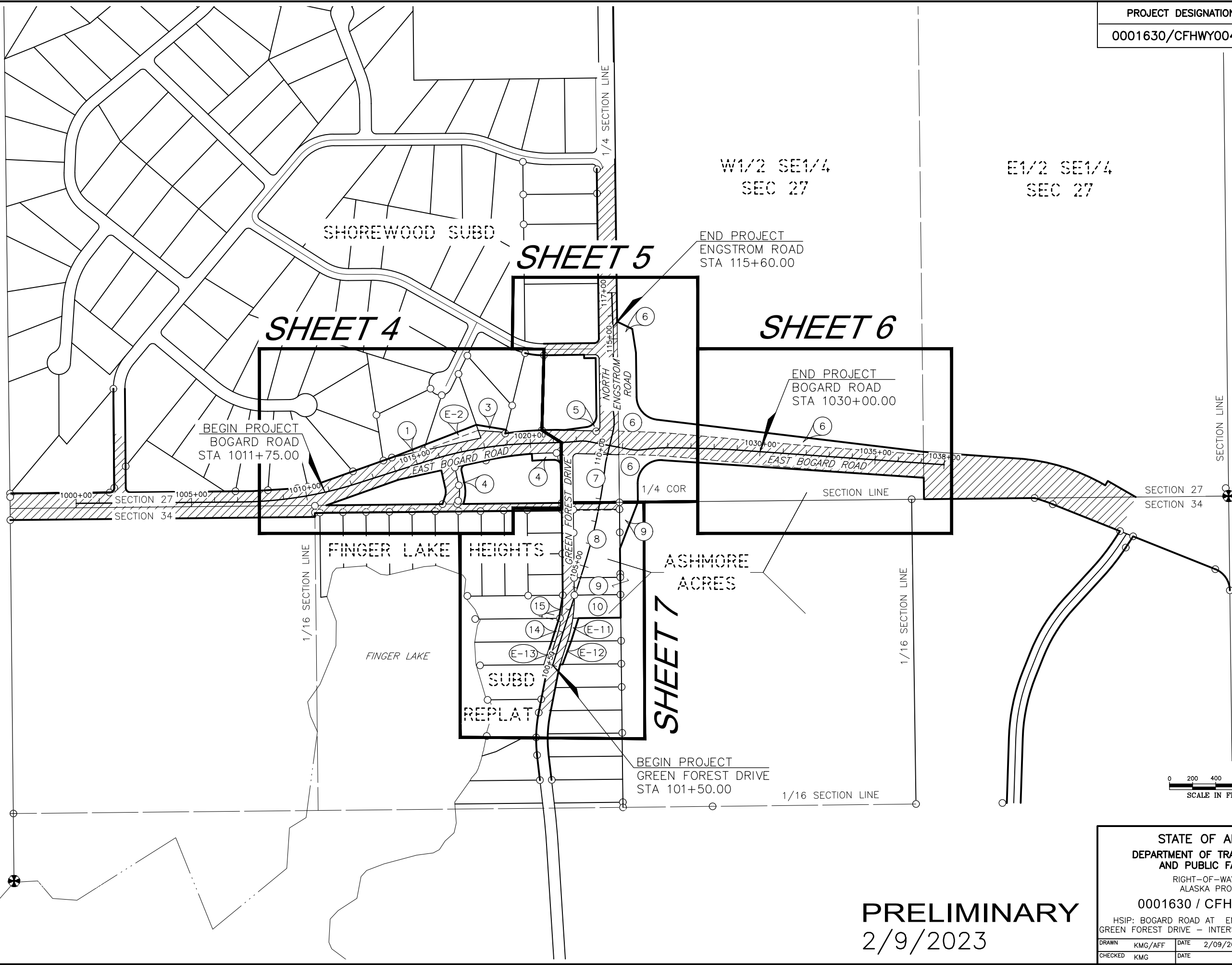
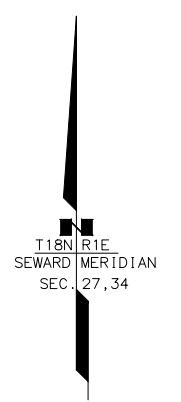
	EXISTING	PROPOSED
LAKE OR POND, WETLANDS		
TREE (CONIFER/DECIDUOUS)		
TREELINE (EDGE OF VEGETATION)		
CONTOUR, MAJOR OR MINOR		
DRAINAGE FLOW		
CREEK (CENTERLINE)		
RIVER (EDGE OF WATER)		

**PRELIMINARY**  
2/9/2023

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
 RIGHT-OF-WAY MAP  
 ALASKA PROJECT  
**0001630 / CFHWY00453**  
 HSIP: BOGARD ROAD AT ENGSTROM ROAD AND  
 GREEN FOREST DRIVE - INTERSECTION IMPROVEMENTS

DRAWN	AFF	DATE	2/09/2023	SCALE	NTS
CHECKED	KMG	DATE		SHEET	2 OF 10

PROJECT DESIGNATION	SHEET NUMBER	TOTAL SHEETS
0001630/CFHWY00453	R3	R10



**PRELIMINARY**  
2/9/2023

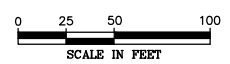
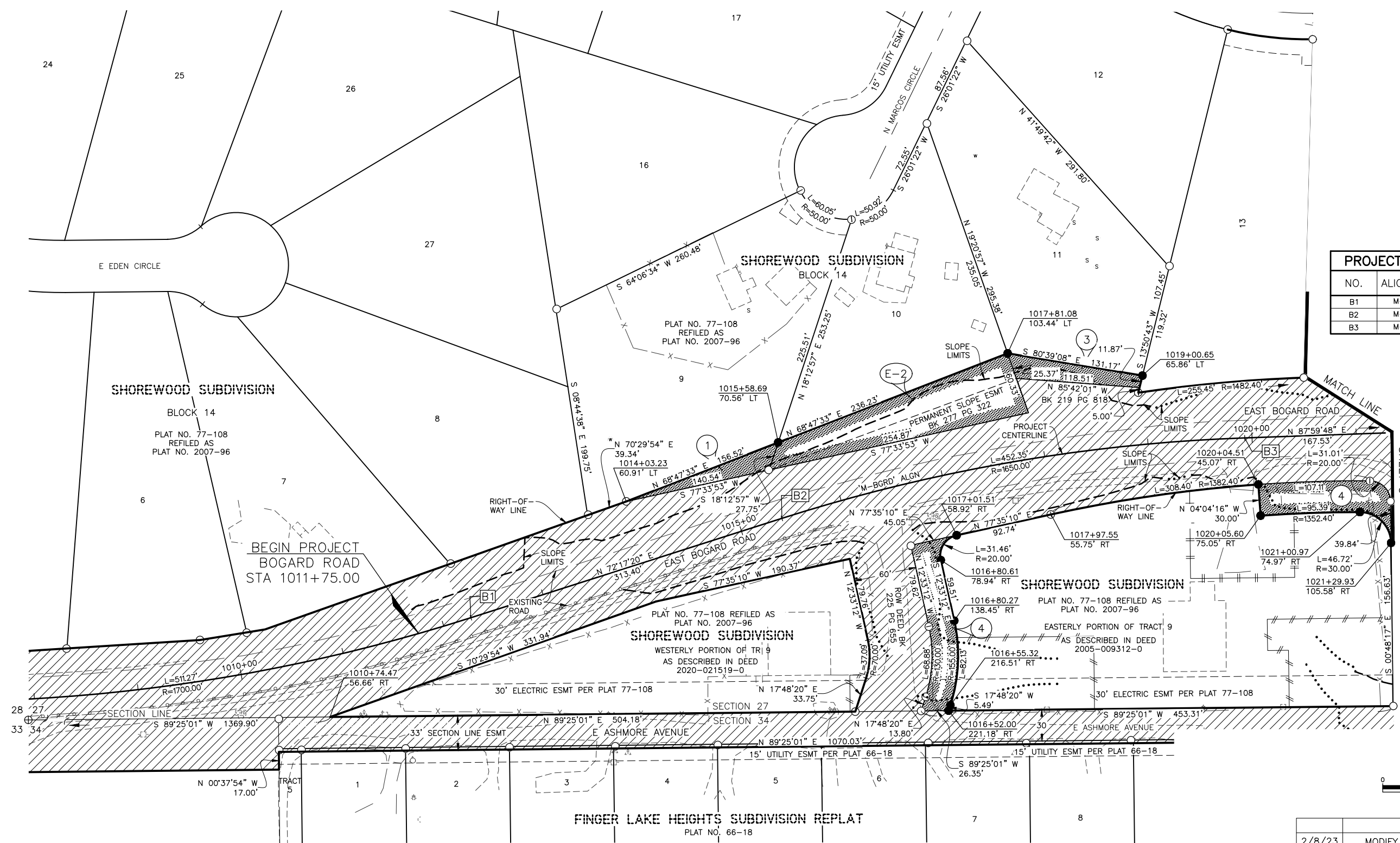
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
RIGHT-OF-WAY MAP ALASKA PROJECT			
0001630 / CFHWY00453			
HSIP: BOGARD ROAD AT ENGSTROM ROAD AND GREEN FOREST DRIVE - INTERSECTION IMPROVEMENTS			
DRAWN	KMG/AFF	DATE	2/09/2023
CHECKED	KMG	DATE	
		SCALE	1" = 200'
		SHEET	3 OF 10

DRAFT 3/30/2023

PROJECT DESIGNATION	SHEET NUMBER	TOTAL SHEETS
0001630/CFHWY00453	R4	R10



PROJECT ALIGNMENT DATA		
NO.	ALIGNMENT	STATION
B1	M-BGRD	PT 1012+27.27
B2	M-BGRD	PC 1015+40.67
B3	M-BGRD	PT 1019+93.03



PARCEL NO.	INTEREST ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING ESMT	NET TAKE	REMAINDER	RECORDED DOCUMENT NUMBER
4	FEE	TEW'S ENT LLC	89,193 SF	8,083 SF	8,083 SF	81,110 SF	
3	FEE	SARAH & RANDY DOWNING	41,447 SF	2,153 SF	2,153 SF	39,294 SF	
E-2	ROW ESMT	TERRANCE HOEFFERLE & VIRGINIA BAIM		10,164 SF	10,164 SF		
1	FEE	TIMOTHY E KNIGHT	53,914 SF	1,677 SF	1,677 SF	52,236 SF	

PARCEL INFORMATION

2/8/23	MODIFY PARCEL 2 TO ROW ESMT	KG
DATE	REVISIONS	BY

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES**  
 RIGHT-OF-WAY MAP  
 ALASKA PROJECT  
**0001630 / CFHWY00453**  
 HSIP: BOGARD ROAD AT ENGSTROM ROAD AND GREEN FOREST DRIVE - INTERSECTION IMPROVEMENTS

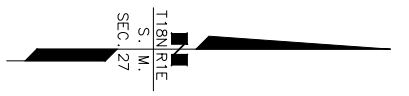
DRAWN	KMG/AFF	DATE	3/30/2023	SCALE	1" = 50'
CHECKED	KMG	DATE		SHEET	4 OF 10

**PRELIMINARY**  
 3/30/2023

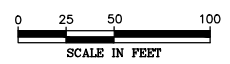
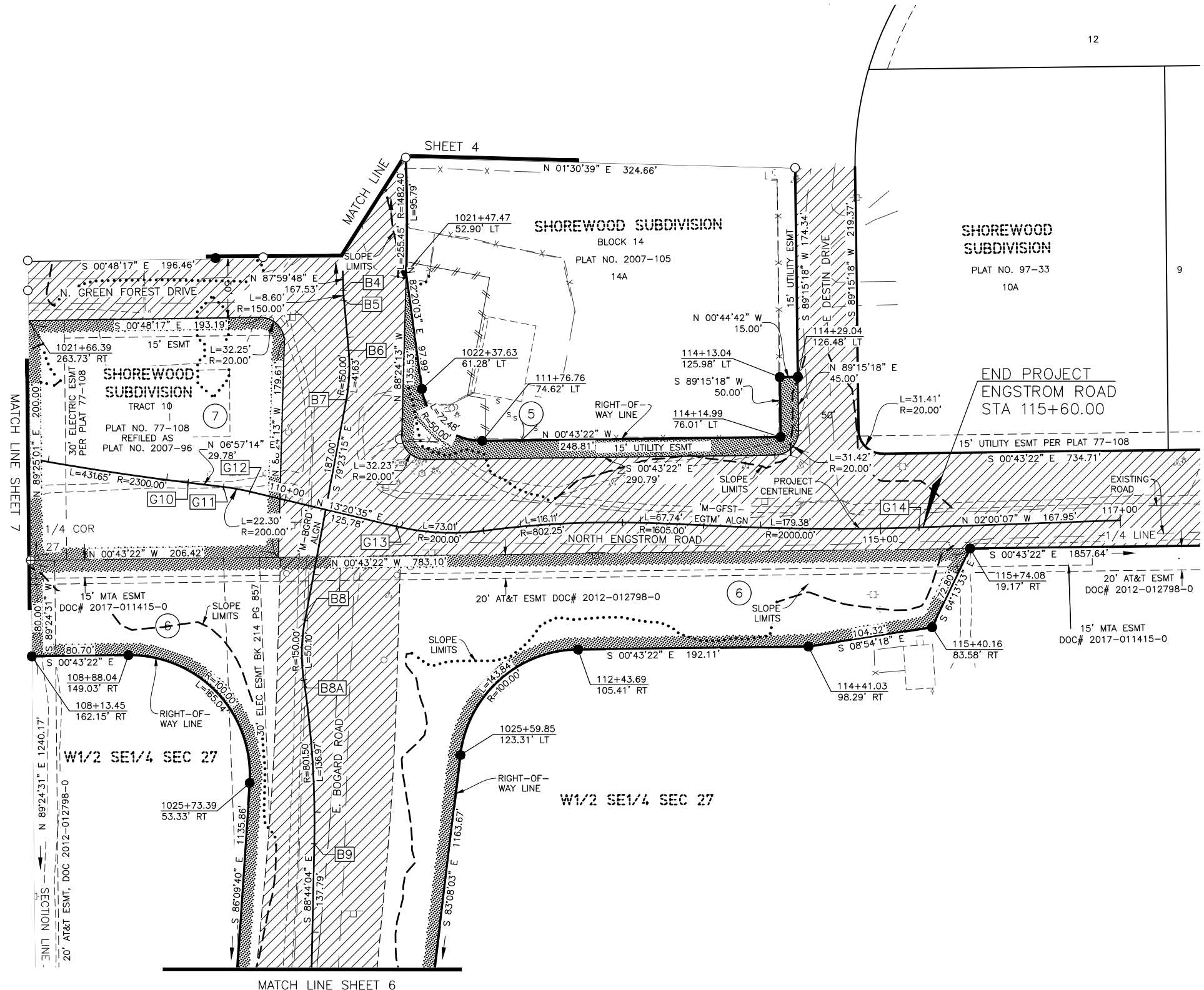
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DRAFT 3/30/2023

PROJECT DESIGNATION	SHEET NUMBER	TOTAL SHEETS
0001630/CFHWY00453	R5	R10



PROJECT ALIGNMENT DATA		
NO.	ALIGNMENT	STATION
B4	M-BGRD	PC 1021+60.55
B5	M-BGRD	PT 1021+69.16
B6	M-BGRD	PC 1022+10.69
B7	M-BGRD	PT 1022+52.32
B8	M-BGRD	PC 1024+39.32
B8A	M-BGRD	PRC 1024+89.43
B9	M-BGRD	PT 1026+26.39
G10	M-GFST-EGTM	PT 109+17.95
G11	M-GFST-EGTM	PC 109+47.73
G12	M-GFST-EGTM	PT 109+70.03
G13	M-GFST-EGTM	PC 110+95.81
G14	M-GFST-EGTM	PT 115+32.05



DATE	REVISIONS	BY
2/8/23	CHANGED OWNER NAME, PARCEL 7	KG
2/8/23	DELETED PARCEL E-6, INCREASE PARCEL 6 AREA	KG

PARCEL NO.	INTEREST ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING ESMT	NET TAKE	REMAINDER	RECORDED DOCUMENT NUMBER
7	FEE	NEIL & STACY NARDINI	41,984 SF	41,984 SF	41,984 SF	0 SF	
E-6	UTIL ESMT	DELETED					
6	FEE	NANNY TRUST	80,076 AC	5,630 AC	2,586 AC	74,446 AC	
5	FEE	MATANUSKA-SUSITNA BOROUGH	80,135 SF	7,560 SF	7,560 SF	72,575 SF	

PARCEL INFORMATION

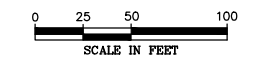
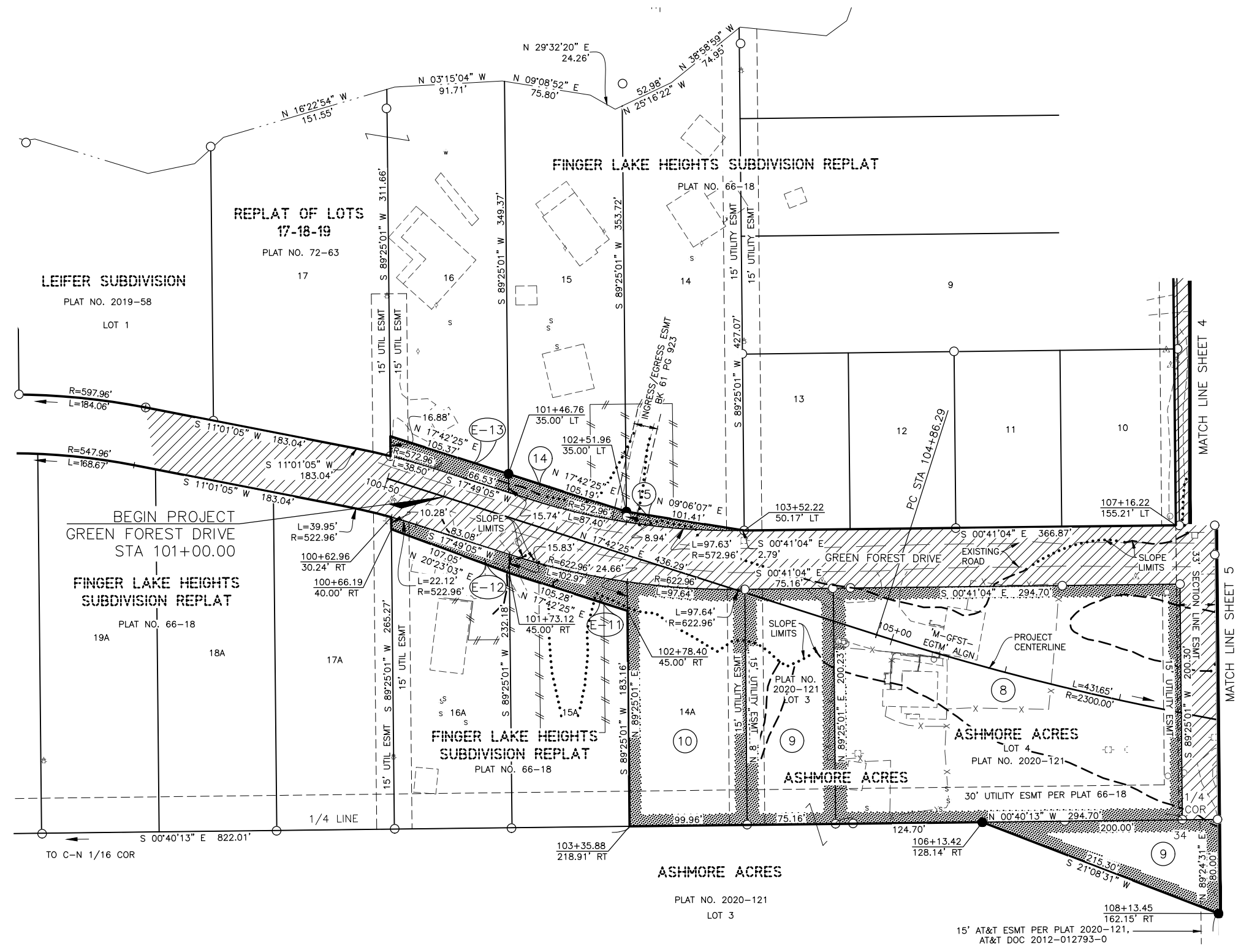
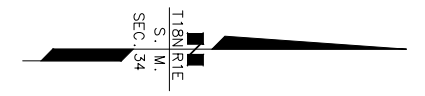
**PRELIMINARY**  
3/30/2023

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
 RIGHT-OF-WAY MAP  
 ALASKA PROJECT  
**0001630 / CFHWY00453**  
 HSIP: BOGARD ROAD AT ENGSTROM ROAD AND GREEN FOREST DRIVE - INTERSECTION IMPROVEMENTS

DRAWN	KMG/AFF	DATE	3/30/2023	SCALE	1" = 50'
CHECKED	KMG	DATE		SHEET	5 OF 10

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PARCEL NO.	INTEREST ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING ESMT	NET TAKE	REMAINDER	RECORDED DOCUMENT NUMBER
15	FEE	MALEA & KEVIN MILLER	38,766 SF	594 SF	594 SF	38,172 SF	
14	FEE	JOSH & SARA FRANCES-BERGERON LEUTZINGER	35,368 SF	1,382 SF	1,382 SF	33,986 SF	
E-13	ROW ESMT	SHERRI L LINDFORS		1,580 SF	1,580 SF		
E-12	ROW ESMT	JEREMY W BLACK		1,326 SF	1,326 SF		
E-11	ROW ESMT	JACOB L BLACK		1,878 SF	1,878 SF		
10	FEE	TAMMY L MORSE	20,259 SF	20,259 AC	20,259 SF	0 SF	
9	FEE	CAROLYN TOLSON, ROBERT ASHMORE, MICHELLE BIANCHI & ELROY ASHMORE	38,805 AC	23,049 SF	23,049 SF	38,276 AC	
8	FEE	CAROLYN M TOLSON	59,018 SF	59,018 AC	59,018 SF	0 SF	

**PARCEL INFORMATION**

PRELIMINARY

3/30/2023

DATE	REVISIONS	BY

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**

RIGHT-OF-WAY MAP  
ALASKA PROJECT  
**0001630 / CFHWY00453**

HSIP: BOGARD ROAD AT ENGSTROM ROAD AND  
GREEN FOREST DRIVE - INTERSECTION IMPROVEMENTS

DRAWN	KMG/AFF	DATE	3/30/2023	SCALE	1" = 50'
CHECKED	KMG	DATE		SHEET	7 OF 10

# NOTES SUMMARY

DRAFT 3/30/2023

PROJECT DESIGNATION	SHEET NUMBER	TOTAL SHEETS
0001630/CFHWY00453	R8	R10

## HORIZONTAL CONTROL STATEMENT

### Coordinate System:

This project is located entirely within the Matanuska-Susitna Valley SV-1 NAD83(2011) local coordinate system, a U.S. Foot local surface grid coordinate system developed by the Alaska Department of Transportation.

### Basis of Coordinates:

The Basis of Coordinates is "S-1". "S-1" is a brass disc set in a square concrete monument flush with the ground near the intersection of Parks Highway and Knik Goose Bay Road. The local coordinates used for "S-1" for this survey is N 145,360.7623, E 425,361.0218.

### Basis of Bearings:

The Basis of Bearings is a local grid bearing between "S-1" and "IYS A". "IYS A" is a Primary Airport Control Station (PACS) located at the Wasilla Airport in Wasilla, Alaska. The local grid bearing between "S-1" and "IYS A" is S 78° 19' 09" W at a distance of 17,134.41 feet. The local coordinates for "IYS A" are N 141,891.7675, E 408,581.4480.

### Translation Parameters:

To convert the local coordinates to NAD83(2011), Alaska State Plane Zone 4, U.S. Foot coordinates, translate using +2,624,946.5706 Feet N, +1,312,508.8943 Feet E, and scale using 0.9998990458.

EXISTING RIGHT OF WAY – SOURCE DOCUMENTS	
THE EXISTING PALMER-WASILLA HIGHWAY CORRIDOR DEPICTED HEREIN WAS DETERMINED FROM THE FOLLOWING PLANS AND DOCUMENTS	
ROW PLAN SHEET NO.	PLAN OR DOCUMENT
SHEET 4	1980 BOGARD ROAD PROJECT SOS-1(020), ROW PLAT 89-4.

## NOTES:

1. THESE PLANS MAY BE USED FOR THE ESTABLISHMENT OF RIGHT-OF-WAY LIMITS ONLY. THESE DRAWINGS SHOULD NOT BE USED AS A BASIS FOR ESTABLISHING ADJOINING PROPERTY LINES AND CORNERS.
2. ALL DOCUMENTS NOTED IN THIS PLAN SET AND REFERENCED BY DOCUMENT NUMBER OR BOOK AND PAGE ARE RECORDED IN THE PALMER RECORDING DISTRICT, UNLESS OTHERWISE NOTED.
3. NO TITLE REPORTS WERE OBTAINED FOR THE PROPERTIES ALONG THIS PROJECT. ALTHOUGH A CONSIDERABLE EFFORT HAS BEEN MADE TO SHOW PERTINENT TITLE INTEREST IN ADJOINING PROPERTIES, EASEMENTS MAY EXIST THAT ARE NOT SHOWN ON THIS RIGHT-OF-WAY MAP.
4. THE SURVEY CONTROL DIAGRAM FOR THIS PROJECT IS RECORDED IN THE PALMER RECORDING DISTRICT AS PLAT XXXX.
5. SURVEY DATA, INCLUDING MONUMENTATION AND TOPOGRAPHIC FEATURES, WAS ACQUIRED BY DOT, THE SURVEY WAS PERFORMED FEBRUARY THROUGH JUNE 2019, AND SEPTEMBER 2022.
6. THE 1962 MTA ESMT BK 148 PG 11, STATES "A MAXIMUM WIDTH OF 20 FEET, SHALL EXTEND ALONG THE EXISTING MEA RIGHT-OF-WAY". THE PLAT 2020-21 DID NOT SHOW THIS ESMT, AS IT IS AMBIGUOUS. NO DOCUMENT HAS BEEN FOUND WHICH ESTABLISHES THE MEA EASEMENT AS REFERENCED. THERE IS A MEA BLANKET EASEMENT RECORDED AT BK 231 PG 846 IN 1981.
7. BOGARD WAS REALIGNED IN 1971 AND 1972 FROM ROUGHLY TRUNK RD TO THE SECTION CORNER AT 28/27|33/34. AN EASEMENT WAS OBTAINED FROM THE HAVEMEISTER'S (W 1/2 SE 1/4 SEC 27) IN 1970 (MISC BK17 PG78) WHICH STATES "AS CONSTRUCTED AND BEING CONSTRUCTED." IN 1981 AND 1982, THE BOGARD PROJECT SOS-(040) REALIGNED THE ROAD IN THE SE 1/4 OF SECTION 27 WITH NO NEW EASEMENTS ACQUIRED. THE MAPPING AT THE TIME SHOWS THE EASEMENT CENTERED ON THE NEW ALIGNMENT, WHICH IS IN ERR. TODAY, THE DOT&PF IS OF THE OPINION THAT THE EASEMENT OBTAINED IN 1970 CAN NOT ATTACH TO THE 1982 ALIGNMENT. THERE IS NO EVIDENCE THAT IT WAS THE INTENT OF THE OWNERS TO GRANT A PERPETUALLY MOVING EASEMENT.

THIS ROW MAPPING ANALYZED HISTORICAL RECORDS INCLUDING AERIAL IMAGERY, CONSTRUCTION STAKING NOTES AND THE 1972 CONSTRUCTION AS-BUILTS. THE ASBUILTS WERE USED TO VERIFY THE EXISTING EDGE OF ROAD, AND APPEARS TO BE THE BEST REPRESENTATION OF THE ROADWAY WHICH THE 1970 EASEMENT ATTACHED TO. THE MIDPOINT BETWEEN THE AS-BUILT EXISTING EDGE OF ROAD WAS USED TO REPRESENT THE CENTERLINE. THIS CENTERLINE ENDED JUST SHORT OF THE 1/4 LINE AND WAS EXTENDED TO THE 1/4 LINE.

8. THE EXISTING UTILITIES APPEAR TO BE OUTSIDE THE EXISTING ROW AS DRAWN, BUT WERE MOST LIKELY POSITIONED ACCORDING TO THE ROW AS SHOWN ON THE 1980 BOGARD PROJECT. THE PREVIOUSLY SHOWN ROW IS APPROXIMATELY 12' SHIFTED NORTH OF THE ROW AS SHOWN ON THIS MAPPING. THE TRUE INTENT OF THE DOCUMENT ACQUIRED IN 2009 WAS A 25'X15' GUY ANCHOR FROM THE SHOWN ROW WILL BE UPHELD, AND THE GUY ANCHOR AT THIS LOCATION IS INSIDE THE INTENDED EASEMENT.

**PRELIMINARY**  
3/30/2023

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES RIGHT-OF-WAY MAP ALASKA PROJECT 0001630 / CFHWY00453 HSIP: BOGARD ROAD AT ENGSTROM ROAD AND GREEN FOREST DRIVE – INTERSECTION IMPROVEMENTS		
DRAWN	KMG/AFF	DATE 3/30/2023
CHECKED	KMG	DATE
		SCALE SHEET 8 OF 10



# MONUMENT SUMMARY

DRAFT 3/30/2023

PROJECT DESIGNATION	SHEET NUMBER	TOTAL SHEETS
0001630/CFHWY00453	R9	R10

## RECOVERED CORNERS - SHEET 4

MONUMENT TYPE : LOCATION	NORTHING	EASTING	STATION	OFFSET
Fd Rbr/PC[9106]: SE L5 B14 Shorewood	157951.4672	456382.1694	1008+34.55	45.90 LT
Fd Rbr: Angle Point S Line L6 B14 Shorewood	157959.7215	456510.3069	1009+66.10	39.16 LT
Fd Rbr/PC[2234]: SE L6 B14 Shorewood	157966.7103	456555.1228	1010+12.51	38.51 LT
Fd Nail: NW Tract 5 Finger Lake Heights	157854.0278	456586.2965	1010+22.24	77.99 RT
Fd IP: W 1/16 S27/S34 *T18N R1E SM	157883.9278	456586.0005	1010+27.40	48.57 RT
Fd Rbr: NW L1 Finger Lake Heights	157854.3025	456607.7203	1010+42.36	81.86 RT
Fd Rbr: NW L2 Finger Lake Heights	157855.6466	456707.6845	1011+35.02	103.12 RT
Fd Rbr/PC[2234]: SW L8 B14 Shorewood	158033.0088	456750.9395	1012+24.55	55.33 LT
Fd Rbr: NE L2 Finger Lake Heights	157856.7963	456807.4338	1012+25.02	129.71 RT
Fd Rbr: NW L4 Finger Lake Heights	157857.7059	456908.8656	1013+21.75	159.70 RT
Fd Rbr: SW L9 B14 Shorewood	158079.8240	456882.9039	1013+64.59	59.79 LT
Fd Rbr: NW L9 B14 Shorewood	158277.2956	456852.6479	1013+95.84	257.10 LT
Fd Rbr: Angle Point S Line L9 B14 Shorewood	158092.6697	456919.4675	1014+03.33	60.90 LT
Fd Rbr: NW L5 Finger Lake Heights	157858.9381	457007.3269	1014+15.92	188.48 RT
Fd Rbr: NW L6 Finger Lake Heights	157860.0463	457107.3896	1015+11.57	217.87 RT
Fd Rbr: SE L9 B14 Shorewood	158122.8664	457056.1273	1015+42.64	48.09 LT
Fd Rbr: SE Tract 9-1 Shorewood	157890.9611	457139.3372	1015+52.88	198.10 RT
Fd Rbr/PC[5713]: NW L7 Finger Lake Heights	157860.9471	457209.2952	1016+20.93	246.35 RT
Fd Rbr/PC: SW Tract 9-2 Shorewood	157891.6497	457202.5218	1016+22.50	214.94 RT
Fd Rbr/PC[5081]: PC W Line Tract 9-2 Shorewood	157905.2302	457206.8835	1016+31.28	202.91 RT
Fd Rbr/PC: SE L16 B14 Shorewood	158390.9746	457086.8602	1016+36.35	297.41 LT
Fd Rbr/PC[5081]: PT W Line Tract 9-2 Shorewood	157972.5442	457209.9345	1016+52.98	138.40 RT
Fd Rbr/PC[5081]: NW Tract 9-2 Shorewood	158050.0905	457192.6671	1016+54.79	58.97 RT
Fd Rbr: NW L10 B14 Shorewood	158362.9840	457135.6217	1016+71.17	258.61 LT
Fd Rbr: NW L8 Finger Lake Heights	157860.7203	457303.4323	1017+29.53	267.82 RT
Fd Rbr: NW L11 B14 Shorewood	158455.2373	457208.0856	1017+47.37	334.03 LT
Fd Mag Nail: NE L11 B14 Shorewood	158534.5303	457246.6427	1017+89.44	405.60 LT
Fd Rbr: NW PC Tract 9-2 Shorewood	158080.1152	457326.8801	1017+97.28	55.76 RT
Fd Rbr: NW L9 Finger Lake Heights	157863.5364	457403.9544	1018+49.15	280.91 RT
Fd Rbr: SW L13 B14 Shorewood	158196.9899	457410.8978	1018+95.29	49.88 LT
Fd Rbr: SE L12 B14 Shorewood	158318.4688	457440.9402	1019+32.80	168.47 LT
Fd Rbr: NE L12 B14 Shorewood	158545.3907	457496.7651	1019+90.89	392.09 LT
Fd Rbr: SE L13 B14 Shorewood	158211.4823	457569.8434	1020+51.75	55.83 LT
Fd Rbr: NW L14A B14 Shorewood	158536.0338	457578.4038	1020+71.65	379.88 LT
Fd Rbr/PC[5081]: NE PT Tract 9-2 Shorewood	158112.2852	457633.2550	1021+11.65	45.53 RT
Fd Rbr: SE Tract 9-2 Finger Lake Heights	157896.3631	457655.8216	1021+26.66	262.11 RT
Fd Rbr/PC[5081]: NE PC Tract 9-2 Shorewood	158092.6582	457653.0644	1021+30.76	65.83 RT

## RECOVERED CORNERS - SHEET 6

MONUMENT TYPE : LOCATION	NORTHING	EASTING	STATION	OFFSET
Fd Rbr/PC[10609]: NE L3 Ashmore Acres	157912.1104	459172.0644	1036+69.79	159.24 RT

## RECOVERED CORNERS - SHEET 7

MONUMENT TYPE : LOCATION	NORTHING	EASTING	STATION	OFFSET
Fd Rbr: SW L19 Finger Lake Heights	156886.1049	457330.6712	1014+27.98	1213.57 RT
Fd Rbr/PC[2071]: NW L19 Finger Lake Heights	157043.0211	457334.1534	1014+79.04	1065.15 RT
Fd Rbr/PC[2234]: SW L16 Finger Lake Heights	157192.4751	457301.6652	1014+93.55	912.90 RT
Fd Rbr: NW L14 Finger Lake Heights	157493.4011	457246.5463	1015+32.60	609.47 RT
Fd Rbr: SW L14 Finger Lake Heights	157393.1207	457280.6067	1015+34.53	715.36 RT
Fd Rbr/PC[12039]: NE L20B Finger Lake Heights	156880.0584	457544.6325	1019+35.94	1273.68 RT
Fd Rbr/PC[10609]: SW L13 Finger Lake Heights	157494.8837	457510.2236	1019+49.92	657.91 RT
Fd Rbr/PC[10609]: SW L11 Finger Lake Heights	157674.8142	457508.1345	1019+62.45	478.16 RT
Fd Rbr/PC[10609]: NW L10 Finger Lake Heights	157864.7764	457506.0045	1019+72.18	288.33 RT
Fd Rbr/PC[12039]: NE PC L19 Finger Lake Heights	156987.7611	457555.7913	1019+94.93	1166.66 RT
Fd Rbr/PC[12039]: NE L19 Finger Lake Heights	157045.3892	457567.0118	1020+08.15	1109.45 RT
Fd Rbr/PC: NE L17 Finger Lake Heights	157195.7673	457597.0908	1020+43.47	960.22 RT
Fd Rbr: SE L14 Finger Lake Heights	157396.5270	457648.5955	1021+01.96	761.38 RT
Fd Rbr/PC[10609]: SE L13 Finger Lake Heights	157496.5030	457660.2469	1021+17.10	661.88 RT
Fd Rbr/PC[10609]: SE L11 Finger Lake Heights	157676.2778	457658.2735	1021+21.41	482.14 RT
Fd Rbr/PC: NE L10 Finger Lake Heights	157866.3288	457655.9167	1021+25.70	292.12 RT
Fd Rbr: SW Tract 4 Finger Lake Heights	157496.9560	457710.3619	1021+61.78	663.20 RT
Fd Rbr/PC[10609]: SW L4 Ashmore Acres	157571.7679	457709.3510	1021+62.23	588.42 RT
Fd Rbr/PC[10609]: SW Tract 3 Finger Lake Heights	157586.8202	457709.1212	1021+62.33	573.37 RT
Fd Rbr/PC[10609]: NW Tract 2 Finger Lake Heights	157766.8097	457707.1887	1021+64.12	393.53 RT
Fd Rbr: NW Tract 1 Finger Lake Heights	157866.9103	457705.8283	1021+65.64	293.54 RT
Fd Rbr/PC[10609]: NE Tract 1 Finger Lake Heights	157868.8584	457905.9179	1024+37.99	263.39 RT
Fd Rbr/PC[10609]: SE Tract 1 Finger Lake Heights	157768.8575	457907.1438	1024+44.69	361.79 RT
Fd Rbr/PC[10609]: NE Tract 4 Finger Lake Heights	157588.9726	457909.1894	1024+50.95	539.96 RT
Fd Rbr/PC[10609]: SE L4 Ashmore Acres	157574.1568	457909.4492	1024+51.34	554.67 RT
Fd Rbr/PC[10609]: SE Tract 4 Finger Lake Heights	157498.9971	457910.2414	1024+53.01	629.38 RT
Fd Rbr: SE L15A Finger Lake Heights	157298.6840	457913.1802	1024+56.34	828.77 RT
Fd Rbr: SE 16A Finger Lake Heights	157199.4883	457913.7775	1024+57.41	927.70 RT
Fd Rbr/PC[2234]: SE L17A Finger Lake Heights	157098.9974	457915.4625	1024+58.46	1027.90 RT
Fd Rbr: SE L19A Finger Lake Heights	156899.8030	457917.9428	1024+59.98	1226.69 RT

## RECOVERED CORNERS - SHEET 5

MONUMENT TYPE : LOCATION	NORTHING	EASTING	STATION	OFFSET
Fd Spike: CL Green Forest Drive	157896.4735	457680.7189	1021+51.54	262.87 RT
Fd AM[2234]: 1/4 S27/S34 *T18N R1E SM	157898.8390	457905.8092	1024+32.36	233.95 RT
Fd Rbr:	158206.4900	457804.8408	1022+76.46	49.85 LT

### ACRONYM / ABBREVIATION TABLE

FD	FOUND
BC	BRASS CAP MONUMENT
AM	ALUMINUM MONUMENT
BX	MONUMENT CASE
RBR	REBAR
RBR/AC	ALUMINUM CAP ON REBAR
RBR/PC	PLASTIC CAP ON REBAR
SI	STREET INTERSECTION
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
BOP	BEGINNING OF PROJECT
EOP	END OF PROJECT
NCIP	NO CURVE POINT OF INTERSECTION
POC	POINT ON CURVE
PCC	POINT OF COMPOUND CURVE
NCPI	NO CURVE POINT OF INTERSECTION

**PRELIMINARY**  
3/30/2023

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
RIGHT-OF-WAY MAP  
ALASKA PROJECT  
0001630 / CFHWY00453  
HSIP: BOGARD ROAD AT ENGSTROM ROAD AND  
GREEN FOREST DRIVE - INTERSECTION IMPROVEMENTS

DRAWN	KMG/AFF	DATE	3/30/2023	SCALE
CHECKED	KMG	DATE		SHEET 9 OF 10

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# MONUMENT SUMMARY

DRAFT 3/30/2023

PROJECT DESIGNATION	SHEET NUMBER	TOTAL SHEETS
0001630/CFHWY00453	R10	R10

## BOGARD ROAD ALIGNMENT

RIGHT-OF-WAY CORNERS SET THIS SURVEY - SHEET 4				
MONUMENT TYPE : LOCATION	NORTHING	EASTING	STATION	OFFSET
SET SECONDARY MONUMENT PARCEL 1	158149.2969	457065.2633	1015+58.67	70.59 LT
SET SECONDARY MONUMENT PARCEL 4	157891.9491	457228.8757	1016+52.00	221.18 RT
SET SECONDARY MONUMENT PARCEL 4	157897.1757	457230.5544	1016+55.32	216.51 RT
SET SECONDARY MONUMENT PARCEL 4	157978.2621	457234.2736	1016+80.27	138.45 RT
SET SECONDARY MONUMENT PARCEL 4	158036.3467	457221.3398	1016+80.61	78.94 RT
SET SECONDARY MONUMENT PARCEL 4	158060.2260	457236.5622	1017+01.51	58.92 RT
SET SECONDARY MONUMENT PARCEL 2	158234.7230	457285.5215	1017+81.08	103.44 LT
SET SECONDARY MONUMENT PARCEL 3	158213.4180	457414.9467	1019+00.65	65.86 LT
SET SECONDARY MONUMENT PARCEL 4	158108.9948	457526.1666	1020+04.51	45.07 RT
SET SECONDARY MONUMENT PARCEL 4	158079.0705	457528.2965	1020+05.60	75.05 RT
SET SECONDARY MONUMENT PARCEL 4	158082.4830	457623.6102	1021+00.97	74.97 RT
SET SECONDARY MONUMENT PARCEL 4	158052.9043	457653.6228	1021+29.93	105.58 RT

## BOGARD ROAD ALIGNMENT

RIGHT-OF-WAY CORNERS SET THIS SURVEY - SHEET 5				
MONUMENT TYPE : LOCATION	NORTHING	EASTING	STATION	OFFSET
SET SECONDARY MONUMENT PARCEL 5	158211.9077	457665.6130	1021+47.47	52.90 LT
SET SECONDARY MONUMENT PARCEL 5	158224.9791	457762.7276	1022+37.63	61.28 LT
SET SECONDARY MONUMENT PARCEL 6	158257.0394	458068.0975	1025+59.85	123.31 LT
SET SECONDARY MONUMENT PARCEL 6	158081.3956	458091.4743	1025+73.39	53.33 RT

## NORTH ENGSTROM ROAD ALIGNMENT

RIGHT-OF-WAY CORNERS SET THIS SURVEY - SHEET 5				
MONUMENT TYPE : LOCATION	NORTHING	EASTING	STATION	OFFSET
SET SECONDARY MONUMENT PARCEL 6	157899.6647	457985.8051	108+13.45	162.15 RT
SET SECONDARY MONUMENT PARCEL 6	157980.2640	457984.7883	108+888.04	149.03 RT
SET SECONDARY MONUMENT PARCEL 6	158355.0607	457980.0598	112+43.69	105.41 RT
SET SECONDARY MONUMENT PARCEL 5	158523.3015	457752.9193	114+13.04	125.98 LT
SET SECONDARY MONUMENT PARCEL 5	158523.9515	457802.9151	114+14.99	76.01 LT
SET SECONDARY MONUMENT PARCEL 5	158538.3002	457752.7243	114+29.04	126.48 LT
SET SECONDARY MONUMENT PARCEL 6	158547.1570	457977.6363	114+41.03	98.29 RT
SET SECONDARY MONUMENT PARCEL 6	158650.2229	457961.4874	115+40.16	83.58 RT
SET SECONDARY MONUMENT PARCEL 6	158681.8779	457895.9303	115+74.08	19.17 RT
SET SECONDARY MONUMENT PARCEL 5	158275.1630	457806.0539	1022+65.01	117.57 LT

## BOGARD ROAD ALIGNMENT

RIGHT-OF-WAY CORNERS SET THIS SURVEY - SHEET 6				
MONUMENT TYPE : LOCATION	NORTHING	EASTING	STATION	OFFSET
SET SECONDARY MONUMENT PARCEL 6	158117.9305	459223.4242	1037+06.41	49.70 LT
SET SECONDARY MONUMENT PARCEL 6	158005.3478	459224.7871	1037+15.76	62.50 RT

## GREEN FOREST DRIVE ALIGNMENT

RIGHT-OF-WAY CORNERS SET THIS SURVEY - SHEET 7				
MONUMENT TYPE : LOCATION	NORTHING	EASTING	STATION	OFFSET
SET SECONDARY MONUMENT PARCEL 15	157296.1129	457612.2565	101+46.76	35.00 LT
SET SECONDARY MONUMENT PARCEL 15	157396.3233	457644.2511	102+51.96	35.00 LT
SET SECONDARY MONUMENT PARCEL 9	157698.8533	457908.1983	106+13.42	128.14 RT
SET SECONDARY MONUMENT PARCEL 6	157899.6647	457985.8051	108+13.45	162.15 RT

**PRELIMINARY**  
3/30/2023

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DEPARTMENT OF TRANSPORTATION  
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DRAWN	KMG/AFF	DATE	3/30/2023	SCALE
CHECKED	KMG	DATE		SHEET 10 OF 10

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