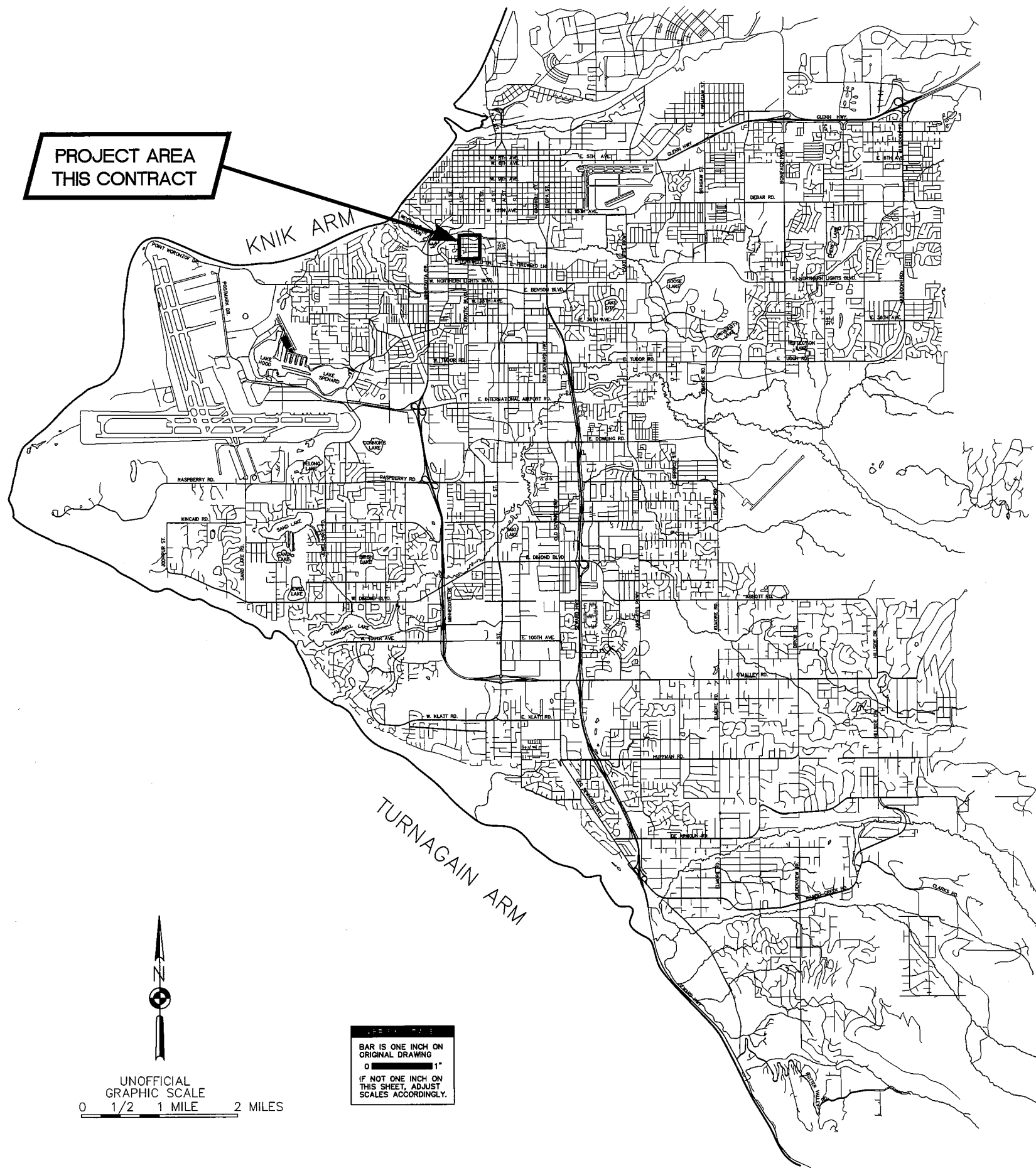


H:\jobs\25-002 MDA Traffic Engineering Term\12-Arctic Boulevard Traffic Calming\CAD\Drawings\25002\_02\_01\_Cover.dwg, 1:2, 1/5/26 at 14:56 by WPENCE



**MUNICIPALITY OF ANCHORAGE  
TRAFFIC ENGINEERING DEPARTMENT**

**ARCTIC BLVD PERMANENT RADAR SIGNS -  
17TH AVE TO 22ND AVE  
PROJECT 22-28**

APPROVED BY:

MELINDA T. KOHLHAAS, P.E.  
MUNICIPAL ENGINEER



UNOFFICIAL  
GRAPHIC SCALE  
0 1/2 1 MILE 2 MILES

BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.





LAYOUT SCHEDULE

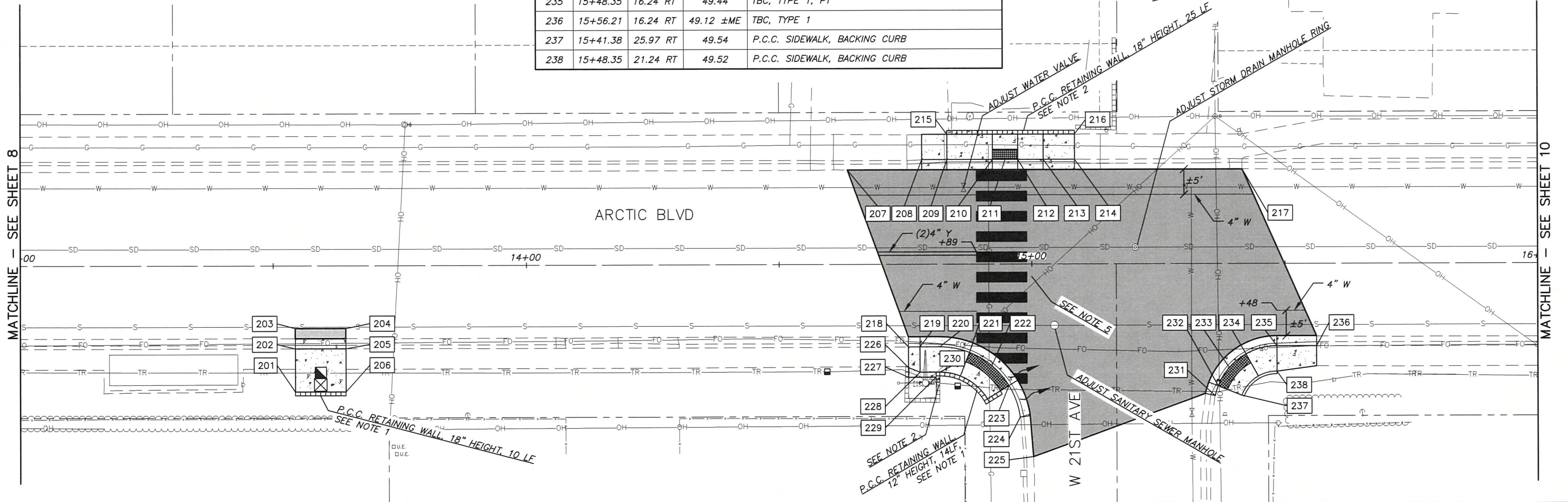
POINT	STATION	OFFSET	ELEVATION	REMARKS
201	13+54.31	24.85 RT	51.49	P.C.C. SIDEWALK, P.C.C. RETAINING WALL
202	13+54.31	16.35 RT	51.36 ±ME	TBC, TYPE 1
203	13+54.31	12.34 RT	50.98 ±ME	ASPHALT EDGE
204	13+64.31	12.35 RT	51.11 ±ME	ASPHALT EDGE
205	13+64.31	16.35 RT	51.50 ±ME	TBC, TYPE 1
206	13+64.31	24.85 RT	51.63	P.C.C. SIDEWALK, P.C.C. RETAINING WALL
207	14+63.52	18.67 LT	50.80 ±ME	ASPHALT EDGE
208	14+78.29	20.67 LT	50.85 ±ME	TBC, TYPE 1
209	14+83.29	20.67 LT	50.80	TBC, TYPE 1, CURB TRANSITION
210	14+92.29	20.67 LT	50.17	TBC, TYPE 1A
211	14+94.79	20.67 LT	50.13	TBC, TYPE 1A, CURB RAMP, STD DTL 30-10 WITH P.C.C. RETAINING WALL, SEE NOTE 1
212	14+97.29	20.67 LT	50.09	TBC, TYPE 1A, CURB TRANSITION
213	15+02.29	20.67 LT	50.33	TBC, TYPE 1
214	15+08.42	20.67 LT	49.99 ±ME	TBC, TYPE 1
215	14+83.30	25.67 LT	50.88	P.C.C. SIDEWALK, P.C.C. RETAINING WALL
216	15+08.42	25.67 LT	50.22 ±ME	P.C.C. SIDEWALK, P.C.C. RETAINING WALL
217	15+41.58	18.66 LT	49.05 ±ME	ASPHALT EDGE

LAYOUT SCHEDULE

POINT	STATION	OFFSET	ELEVATION	REMARKS
218	14+75.53	16.27 RT	50.92 ±ME	TBC, TYPE 1
219	14+77.84	16.27 RT	50.89	TBC, TYPE 1, CURB TRANSITION, BEGIN RAMP
220	14+81.77	16.28 RT	50.71	TBC, CURB TRANSITION, PC, R=16'±ME
221	14+87.63	17.39 RT	50.43	TBC, TYPE 1A
222	14+92.06	20.03 RT	50.38	TBC, TYPE 1A, CURB RAMP, STD DTL 30-10 WITH P.C.C. RETAINING WALL, SEE NOTE 1 AND NOTE 3
223	14+95.42	23.95 RT	50.34	TBC, TYPE 1A, CURB TRANSITION, SEE NOTE 3
224	14+97.62	30.16 RT	50.73 ±ME	TBC, TYPE 1, PT
225	15+00.22	37.97 RT	50.33 ±ME	ASPHALT EDGE
226	14+75.52	20.35 RT	51.26 ±ME	P.C.C. SIDEWALK
227	14+75.52	22.27 RT	51.17 ±ME	P.C.C. SIDEWALK
228	14+77.83	21.27 RT	50.98 ±ME	P.C.C. SIDEWALK, BEGIN RAMP
229	14+81.00	22.27 RT	50.98 ±ME	P.C.C. SIDEWALK, P.C.C. RETAINING WALL
230	14+81.76	21.28 RT	50.79	P.C.C. SIDEWALK, P.C.C. RETAINING WALL
231	15+36.15	26.04 RT	49.94 ±ME	TBC, TYPE 2, CURB TRANSITION, PC, R=12.5'±ME
232	15+36.74	24.12 RT	49.52	TBC, TYPE 1A
233	15+38.95	20.51 RT	49.44	TBC, TYPE 1A, CURB RAMP, STD DTL 30-10 WITH BACKING CURB
234	15+42.24	17.84 RT	49.36	TBC, TYPE 1A, CURB TRANSITION
235	15+48.35	16.24 RT	49.44	TBC, TYPE 1, PT
236	15+56.21	16.24 RT	49.12 ±ME	TBC, TYPE 1
237	15+41.38	25.97 RT	49.54	P.C.C. SIDEWALK, BACKING CURB
238	15+48.35	21.24 RT	49.52	P.C.C. SIDEWALK, BACKING CURB

NOTES:

- CONSTRUCT P.C.C. SIDEWALK RETAINING WALL I.A.W. M.A.S.S. STD DTL 30-17, EXCLUDING DRAIN TUBE AND POROUS MATERIAL. PROVIDE A 2:1 TRANSITION AT BEGINNING AND END OF EACH WALL. AT CURB RAMP LOCATIONS, INCREASE CURB RAMP THICKNESS TO 6 INCHES. CURB RAMPS CONSTRUCTED IN CONJUNCTION WITH RETAINING WALLS SHALL BE PAID FOR BY 30.04 DETECTABLE WARNINGS AND 30.05 P.C.C. STRUCTURE/RETAINING WALL AND NO SEPARATE PAYMENT SHALL BE MADE.
- EXTEND P.C.C. RETAINING WALL TO TIE INTO EXISTING RETAINING. ANCHOR RETAINING WALL TO EXISTING RETAINING WALL I.A.W. DETAIL 4 ON SHEET 4.
- DEPRESS LIP OF CURB ON SOUTHEAST CORNER OF ARCTIC BOULEVARD AND W 21ST/ AVENUE TO MATCH EXISTING AND ENSURE DRAINAGE NORTH.
- CONTRACTOR SHALL REPLACE ALL DISTURBED TRAFFIC MARKINGS. ALL MARKINGS SHALL BE INLAID MMA AT 125 MILS.
- SEE DETAIL 3 ON SHEET 4 FOR CROSSWALK MARKING LAYOUT.



**RECORD DRAWING**  
 1. DATA PROVIDED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.  
 CONTRACTOR: \_\_\_\_\_  
 BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 2. DATA TRANSFERRED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.  
 DATA TRANSFER CHECKED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

DATA	DRAWN BY	CHECKED BY
BASE	---	---
TOPOGRAPHY	---	---
PROFILE	---	---
STORM SEWER	---	---
WATER/SANITARY SEWER	---	---
GAS	---	---
TELEPHONE	---	---
ELECTRIC	---	---
DESIGN	---	---
QUANTITIES	---	---
PRELIMINARY/FINAL	---	---
MUNICIPAL/STATE	---	---

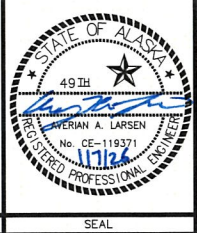
  

FIELD BOOKS	DESIGN	STAKING	ASBULT	CONTRACTOR	INSPECTOR
---	---	---	---	---	---

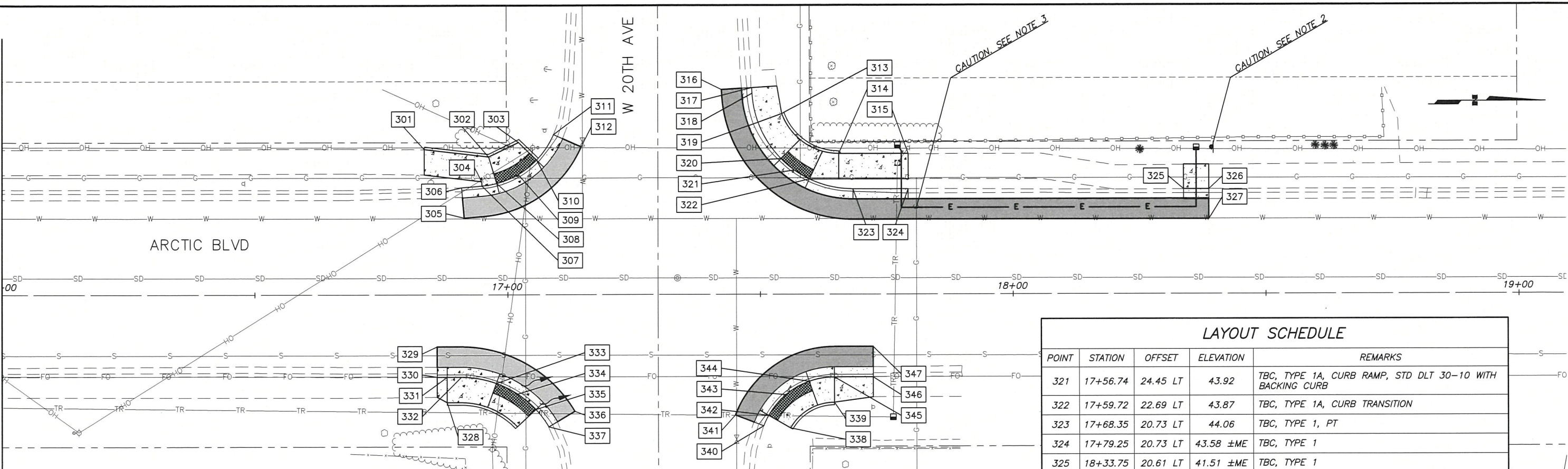
PLAN CHECK	CONSTRUCTION RECORD	VERTICAL DATUM	REVISIONS	CONSULTANT
---	---	---	---	---

**HDL ENGINEERING**  
 Consultants LLC  
 • CIVIL ENGINEERING  
 • SURVEYING  
 • GEOTECHNICAL  
 • ENVIRONMENTAL  
 3335 Arctic Blvd., Suite 100  
 Anchorage, AK 99503  
 (907) 554-2120  
 www.HDLalaska.com  
 AEC1861



TRAFFIC ENGINEERING DEPARTMENT  
 22-28 ARCTIC BLVD PERMANENT RADAR SIGNS - 17TH AVE TO 22ND AVE  
**LAYOUT PLAN**  
 SCALE HOR: 1"=10' VER: N/A  
 GRID SW1429, SW1430, SW1529, SW1530  
 DATE JAN, 2026 STATUS  
 SHEET 9 of 13

MATCHLINE - SEE SHEET 9



**NOTES:**

- DEPRESS LIP OF CURB ON THE SOUTHEAST CORNER OF ARCTIC BOULEVARD AND W 20TH AVENUE TO MATCH EXISTING AND ENSURE DRAINAGE NORTH.
- VERIFY RADAR SIGN DISTANCE FROM EXISTING 8 INCH GAS MAIN. ADJUST RADAR SIGN LOCATION AS REQUIRED TO MAINTAIN A MINIMUM OF 5 FEET OF SEPARATION FROM THE GAS MAIN. IF 5 FEET OF SEPARATION CANNOT BE OBTAINED, ENSTAR SHALL BE PRESENT FOR STANDBY INSPECTIONS AND SHALL BE CONTACTED TWO WORKING DAYS PRIOR TO BEGINNING EXCAVATIONS.
- MAINTAIN 1 FOOT SEPARATION BETWEEN CROSSINGS WITH GAS LINES.
- SEE ELECTRICAL SHEETS FOR RADAR SPEED SIGN IMPROVEMENTS.

LAYOUT SCHEDULE				
POINT	STATION	OFFSET	ELEVATION	REMARKS
301	16+83.54	28.62 LT	46.25 ±ME	P.C.C. SIDEWALK, BACKING CURB
302	16+96.25	27.15 LT	45.26 ±ME	P.C.C. SIDEWALK, BACKING CURB
303	17+02.11	30.00 LT	45.14 ±ME	P.C.C. SIDEWALK, BACKING CURB
304	16+94.87	22.27 LT	45.35	P.C.C. SIDEWALK
305	16+91.42	15.10 LT	45.54 ±ME	ASPHALT EDGE
306	16+90.92	21.07 LT	45.54 ±ME	TBC, TYPE 1, CURB TRANSITION
307	16+94.94	21.42 LT	45.33	TBC, CURB TRANSITION, PC, R=17'±ME
308	16+97.84	21.92 LT	45.18	TBC, TYPE 1A
309	17+02.08	23.68 LT	45.12	TBC, TYPE 1A, CURB RAMP, STD DTL 30-10 WITH BACKING CURB
310	17+05.70	26.52 LT	45.05	TBC, TYPE 1A, CURB TRANSITION, BACKING CURB
311	17+09.06	31.51 LT	44.83 ±ME	TBC, TYPE 2, PT
312	17+14.55	29.09 LT	44.61 ±ME	ASPHALT EDGE
313	17+54.26	35.57 LT	44.35	P.C.C. SIDEWALK, PC, R=12'±ME, BACKING CURB
314	17+65.53	27.69 LT	44.19	P.C.C. SIDEWALK, PT, BACKING CURB
315	17+79.25	27.69 LT	43.73 ±ME	P.C.C. SIDEWALK
316	17+42.33	40.32 LT	44.19 ±ME	ASPHALT EDGE
317	17+48.32	40.67 LT	44.27 ±ME	TBC, TYPE 2
318	17+48.38	39.56 LT	44.27	TBC, TYPE 2, PC, R=20'±ME
319	17+49.57	33.85 LT	44.27	TBC, TYPE 2, CURB TRANSITION
320	17+54.10	26.69 LT	43.97	TBC, TYPE 1A

LAYOUT SCHEDULE				
POINT	STATION	OFFSET	ELEVATION	REMARKS
321	17+56.74	24.45 LT	43.92	TBC, TYPE 1A, CURB RAMP, STD DTL 30-10 WITH BACKING CURB
322	17+59.72	22.69 LT	43.87	TBC, TYPE 1A, CURB TRANSITION
323	17+68.35	20.73 LT	44.06	TBC, TYPE 1, PT
324	17+79.25	20.73 LT	43.58 ±ME	TBC, TYPE 1
325	18+33.75	20.61 LT	41.51 ±ME	TBC, TYPE 1
326	18+38.75	20.61 LT	41.31 ±ME	TBC, TYPE 1
327	18+38.75	14.73 LT	41.05 ±ME	ASPHALT EDGE
328	16+88.01	21.26 RT	46.03	P.C.C. SIDEWALK, BACKING CURB
329	16+86.04	10.26 RT	45.68 ±ME	ASPHALT EDGE
330	16+86.04	16.25 RT	45.98 ±ME	TBC, TYPE 1
331	16+88.01	16.26 RT	45.95	TBC, TYPE 1, CURB TRANSITION
332	16+90.83	16.26 RT	-	TBC, CURB TRANSITION, PC, R=20'±ME
333	16+97.70	17.47 RT	45.40	TBC, TYPE 1A
334	17+01.89	19.59 RT	45.34	TBC, TYPE 1A, CURB RAMP, STD DTL 30-10 WITH BACKING CURB, SEE NOTE 1
335	17+05.47	22.63 RT	45.28	TBC, TYPE 1A, CURB TRANSITION, SEE NOTE 1
336	17+13.20	23.01 RT	45.16 ±ME	ASPHALT EDGE
337	17+08.04	26.07 RT	45.56 ±ME	TBC, TYPE 2, PT, SEE NOTE 1
338	17+55.90	26.37 RT	44.09	P.C.C. SIDEWALK, BACKING CURB
339	17+64.59	21.33 RT	44.15	P.C.C. SIDEWALK, BACKING CURB
340	17+50.59	25.96 RT	44.41 ±ME	TBC, TYPE 2, CURB TRANSITION, PC, R=15'±ME
341	17+44.98	23.81 RT	44.25 ±ME	ASPHALT EDGE
342	17+51.56	23.90 RT	44.04	TBC, TYPE 1A
343	17+54.98	19.81 RT	43.95	TBC, TYPE 1A, CURB RAMP, STD DTL 30-10 WITH BACKING CURB
344	17+59.59	17.19 RT	43.87	TBC, TYPE 1A, CURB TRANSITION
345	17+64.59	16.33 RT	44.07	TBC, TYPE 1, PT
346	17+72.27	16.33 RT	43.82 ±ME	TBC, TYPE 1
347	17+72.27	10.33 RT	43.47 ±ME	ASPHALT EDGE

**RECORD DRAWING**  
 1. DATA PROVIDED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.  
 CONTRACTOR: \_\_\_\_\_  
 BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 2. DATA TRANSFERRED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.  
 DATA TRANSFER CHECKED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

DATA	DRAWN BY	CHECKED BY
BASE	---	---
TOPOGRAPHY	---	---
PROFILE	---	---
STORM SEWER	---	---
WATER/SANITARY SEWER	---	---
GAS	---	---
TELEPHONE	---	---
ELECTRIC	---	---
DESIGN	---	---
QUANTITIES	---	---
PRELIMINARY/FINAL	---	---
MUNICIPAL/STATE	---	---

FIELD BOOKS	DESIGN	STAKING	ASBULT	CONTRACTOR	INSPECTOR
---	---	---	---	---	---

PLAN CHECK	CONSTRUCTION RECORD	VERTICAL DATUM	REVISIONS
---	---	---	---



**HDL ENGINEERING**  
 CONSULTANTS LLC  
 • CIVIL ENGINEERING  
 • SURVEYING  
 • GEOTECHNICAL  
 • ENVIRONMENTAL  
 3335 Arctic Blvd., Suite 100  
 Anchorage, AK 99503  
 (907) 554-2120  
 www.HDLalaska.com  
 AECIL661



TRAFFIC ENGINEERING DEPARTMENT  
 22-28 ARCTIC BLVD PERMANENT RADAR SIGNS - 17TH AVE TO 22ND AVE  
**LAYOUT PLAN**  
 SCALE HOR: 1"=10'  
 VER: N/A  
 GRID SW1429, SW1430, SW1529, SW1530  
 DATE JAN, 2026 STATUS  
 SHEET 10 of 13