STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES
SOUTHEAST REGION
DESIGN AND CONSTRUCTION DIVISION

JUNEAU
LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) ~ 71619

DESIGN DATA

LENGTH OF PROJECT = 9,320.45' (1.765 MILES)

AS-BUILT PLANS

CONTRACTOR: SECON INC.
ORIGINAL CONTRACT AMOUNT: $401,207.50
PROJECT ENGINEER: GREG BROWNING
START DATE: SEPTEMBER 12, 1993
END DATE: NOVEMBER 16, 1993

VICINITY MAP

The following Standard Drawings apply to this project:
A-1, C-01.03, C-02.01, C-03.01, D-01.02, D-04.20, D-05.10,
D-06.01, D-07.00, D-24.00, D-26.01, I-20.11, M-20.11, M-23.11,
S-02.00, S-05.00, S-30.01

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES
SOUTHEAST REGION DESIGN SECTION

APPROVED:

DATE: JULY 1994
SHEET 1 OF 12
GENERAL NOTES

1. APPROACH INLET, OUTFLETS AND MANHOLE LOCATIONS ARE APPROXIMATE ONLY AND ARE SUBJECT TO MINOR FIELD REVISION.
2. GRADES AND ALIGNMENT AS SHOWN ON THE PLANS ARE SUBJECT TO MINOR REVISION.
3. CLEARING AND GRABBING LIMITS SHALL BE TO THE SLOPE LIMITS.
4. ESTIMATED QUANTITY FOR CLEARING AND GRABBING IS 1 ACRE.
5. ALL UNCLASSIFIED EXCAVATION IS CONSIDERED USEABLE MATERIAL QUALIFYING AS SUBBASE, GRADE E.
6. CURB DRAINS SHALL BE LOCATED AT THE SAG VERTICAL CURVE P.I.‘S AS SHOWN ON THE SHEET. MINOR REVISIONS TO CURB DRAIN LOCATIONS MAY BE REQUIRED BY THE ENGINEER.
7. ALL SIGNS AND POSTS WITHIN THE CONSTRUCTION ZONE SHALL BE REMOVED, SALVAGED AND REINSTALLED AFTER COMPLETION OF THE SIDEWALK EMERGENCY. "CURB" DIMENSIONS FROM STD. CURB 5-43.50 SHALL BE USED.
8. ASPHALT SIDEWALK SHALL CONSIST OF 1/2" MINIMUM OF ASPHALT CONCRETE, TYPE A, CLASS "B" OR ASPHALT CONCRETE, TYPE A, CLASS "C".
9. WATING SHALL BE PLACED ON ALL SLOPES WHICH EXIT STEEP THAN 1/2:1.
10. EXISTING PAVEMENT ON SHOULDERS IS APPROXIMATELY 3-4 INCHES THICK. BETWEEN THE FOG LINES THE PAVEMENT AND A 1/8 INCH THICKNESS IS APPROXIMATELY 8-10 INCHES.

NOTE:

FINISHED GRADE OF CURBLESS SIDEWALK IS TO FOLLOW EXISTING EMBANKMENT GRADE.

CURBLESS SIDEWALK

STA. 29+00, 130 FT. TO STA. 30+15, 320 FT.

(AIMENTION AND GRADE AS APPROVED BY THE PROJECT ENGINEER)

EXISTING ROLLED CURB

ASPHALT SIDEWALK

CONSTRUCT ASPHALT KERB AS DIRECTED

TO MATCH

EXISTING PAVED APPROACH

NOTE: DO NOT SCALE FROM THESE PLANS–USE DIMENSIONS.

DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU

LEMON ROAD SIDEWALK
PROJECT NO. TE-00064(0) 71619

TYPICAL SECTIONS

STATE OF ALASKA

ALASKA

DESIGNED BY: S. KREUZENSTEIN

DRAWN BY: C. BECKER

CHECKED BY: T.W. MOORE

PROJECT NO. 71619

DATE: JULY 1994

SHEET 2 OF 15
### ESTIMATE OF QUANTITIES

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### AS-BUILT

- Scale: 1/100
- Date: July 1984

NOTE: Do not scale from these plans—use dimensions.
Permanent Construction Signing

All permanent construction signing shall be post mounted.

Traffic Control Plan Notes

1. Work area shall be restricted to a maximum length of 2500'.
2. Taper lengths shall be as shown for the given offsets. If different offsets are used, taper lengths shall be computed using the following formula:

   \[ L = \frac{5V}{W} \]

   where:
   - \( L \) = maximum length of taper in feet
   - \( V \) = posted speed limit
   - \( W \) = width of offset

Typical Work Zone Traffic Control
HORIZONTAL CONTROL

THE HORIZONTAL CONTROL FOR THIS PROJECT IS BASED ON A BEARING BETWEEN
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES TRANSMISSION MONUMENTS
"SHEEY" AND "PETE". THE BASELINE BEARING IS W 02°00'21.3" W. THE STATE
PLANE COORDINATES FOR "SHEEY" ARE AS FOLLOWS: N 3379633.730
E 232320.995.

VERTICAL CONTROL

ALL EXISTING GRADES AND CROSS SLOPES SHALL BE UTILIZED TO BUILD THE TYPICAL
SECTIONS CALLED FOR THROUGHOUT THE PROJECT.

LEGEND

CONCRETE CURB RAMP, SEE DETAILS ON SHEET 10
CONCRETE WHEELCHAIR RAMP INSTALLED IN
EXISTING CURB GUTTER AND SIDEWALK
NEW SIDEWALK AT EXISTING CURB & GUTTER
NEW CURB, GUTTER AND SIDEWALK
CURBLESS SIDEWALK

BEGIN PROJECT
STA. 26+00, 138.16' RT

"E" LINE DATA
DIST = STA. 24-24.19
BFS = STA. 24-13.19
IFS = STA. 24-38.25
EST = STA. 24-13.19

EXISTING 24' CMP

GRAINS PLAZA

EXISTING TWIN 72" X 85
CMP @ HEADNAIL

AS-BUILT

NOTE: DO NOT SCALE FROM THESE PLANS—USE DIMENSIONS

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B.O.P. STA. "0" 26+00 TO STA. "0" 236+75
REBAR DETAIL

REBAR NOTE:
2-No. 4, Grade 50 rebars shall be placed as shown for each curb drain. 2 inches of clearance from the drain pipes shall be maintained on all sides.

1 - 4" Galvanized RMC drain pipes on 10" centers (3 ft min length) - Curb Drains shall be located at all "S" curved vertical curves and be approved by Engineer. Minor field adjustments may be necessary.

1 1/2" depressed flowline as shown in standard drawing D-23.00

CURB DRAIN DETAILS

NOTE:
Curb cut locations and widths to be as determined by Engineer.

CURB CUT DETAIL

CONCRETE CURB AND GUTTER

NORMAL SIDEWALK GRADE

TYPICAL SIDEWALK, CURB & GUTTER DETAILS

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

SIDEWALK, CURB AND GUTTER NOTES

1. Curb and gutter expansion joints shall be at each end of curb returns and curb cuts. Spacing shall be at 30'-0" max. intervals.

2. All curb and gutters shall be Class "A" concrete.

3. Curb cuts for residential driveways and curb returns shall not exceed the maximum allowable slope of 12:1.

4. Dummy joints shall extend into the concrete 2" and be 1/8" wide on ten foot centers.

5. Where there is superelevation, the gutter pan at the high side of the roadway shall match the slope of the roadway and drain toward the center of the roadway.

SECTION A - A

SECTION B - B CURB RETURNS

SECTION C - C

DEPRESSED CURB AND GUTTER (CONCRETE)

DEPRESSED CURB AND GUTTER (CONCRETE)

AS-BUILT

DEPRESSED CURB

CONCRETE CURB AND GUTTER

NORMAL SIDEWALK GRADE

SIDEWALK

(ASPHALT CONCRETE)

ASPHALT SIDEWALK

SIDEWALK (ASPHALT CONCRETE)

ASPHALT SIDEWALK
PIECE HANDRAIL DETAILS

TYPICAL SLEEVE JOINT DETAIL

TYPICAL 2'-0" × 12" INNER SLEEVE

TYPICAL ENDS ON ALL MIDSECTIONS

PIPE HANDRAIL NOTES:

1. PIPE HANDRAIL SECTIONS MAY BE CUT AND POST SPACING MAY VARY AS DIRECTED BY THE ENGINEER.

2. PIPE HANDRAIL IS TO BE INSTALLED AT THE BACK OF SIDEWALK FROM STA 310+00 TO STA 312+40 BOTH LEFT AND RIGHT.

AS-BUILT

NOTE: DO NOT SCALE FROM THESE PLANS—USE DIMENSIONS