



PRELIMINARY RUN TIME CALCULATIONS

EXISTING ROUTE

MP 153.72

DISTANCE

AVE. SPEED

TIME

5.88 mi

25 MPH

14.1 min

MP 159.60

0.5 mi

37 MPH

0.8 min

MP 160.10

2.75 mi

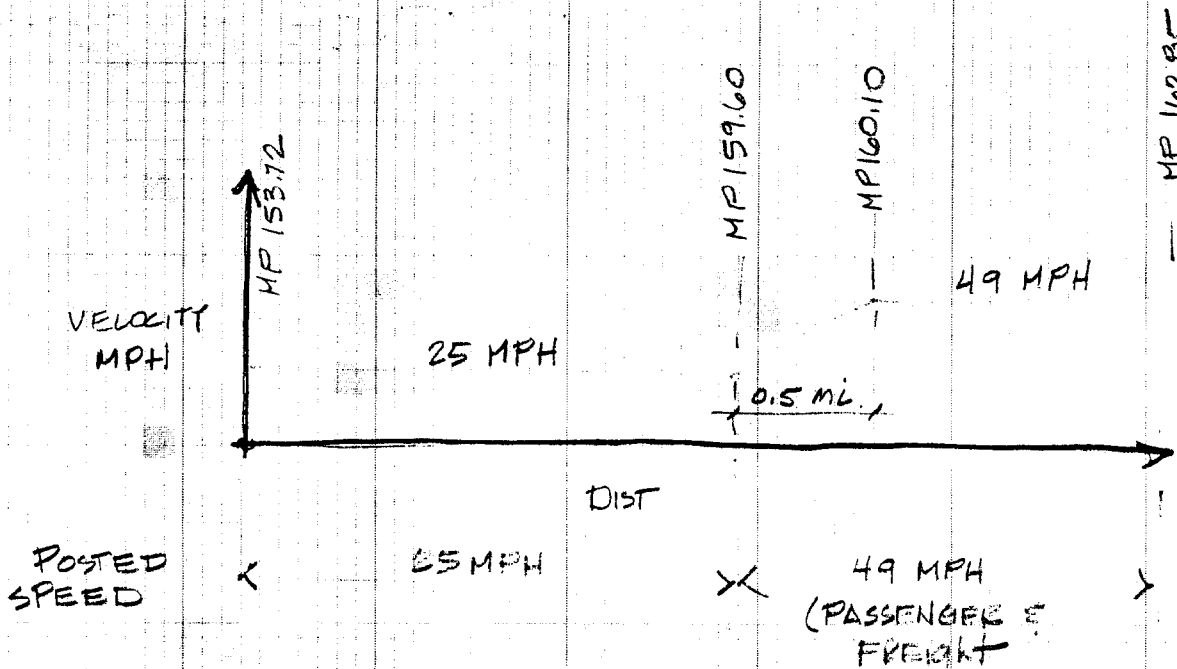
49 MPH

3.4 min

MP 162.35

9.13 mi

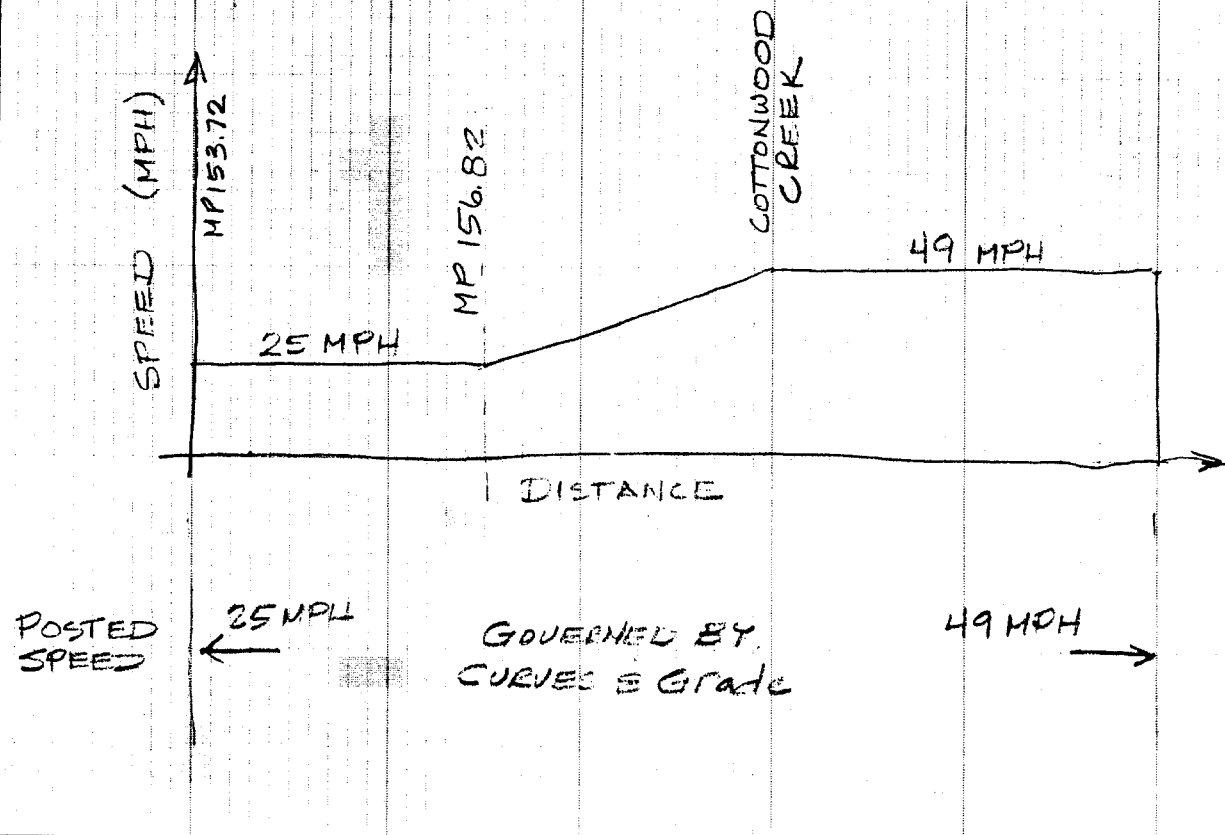
18.3 min

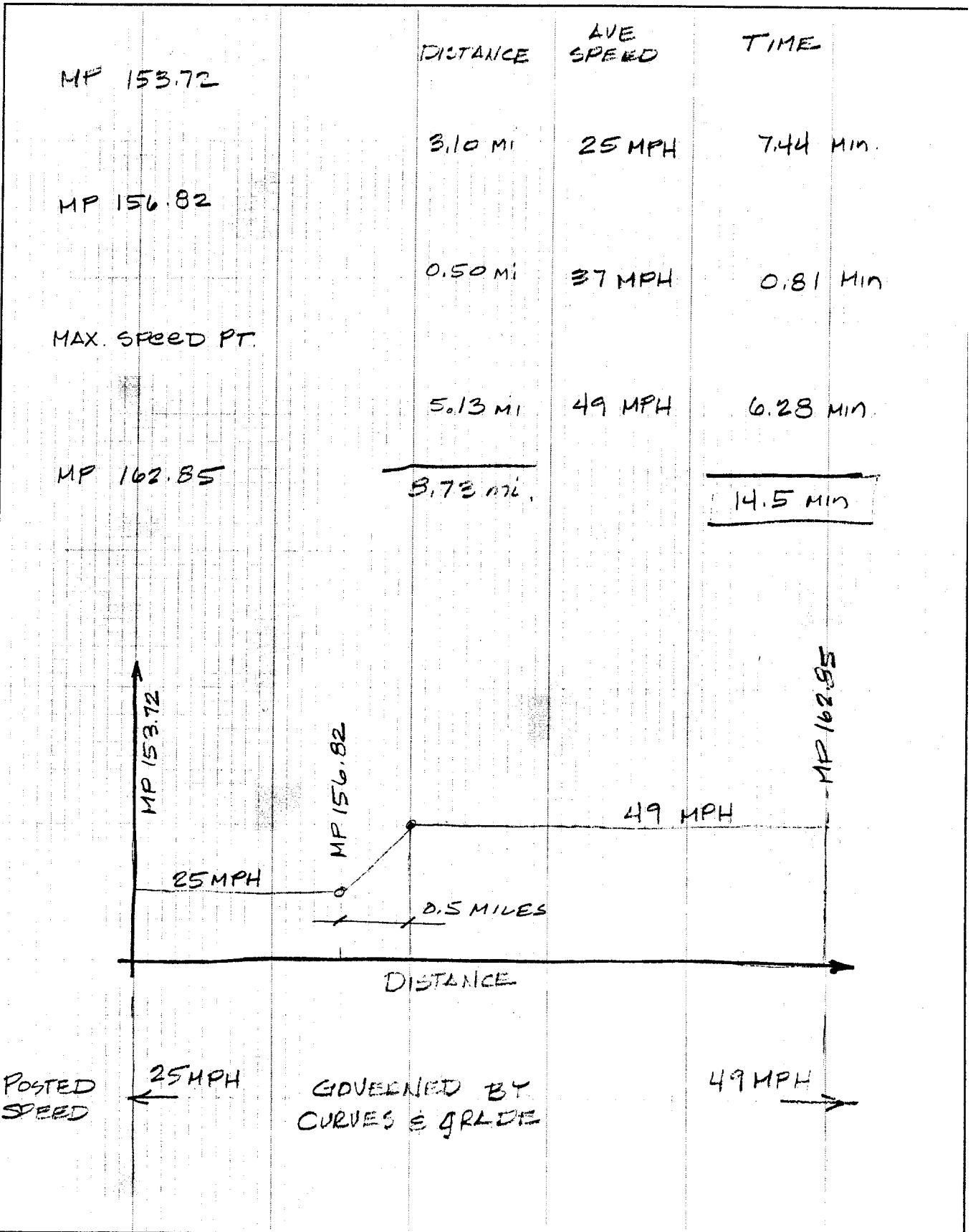




PREDIMINARY RUN TIME CALCULATIONS

	DISTANCE	AVE SPEED	TIME
MP 153.72	3.10 mi	25 MPH	7.4 min.
MP 156.82	2.36 mi	37.5 MPH	3.8 min
COTTONWOOD CR.	3.56 mi	49 MPH.	4.4 min
MP 162.85	<u>9.02 mi</u>		<u>15.6 min</u>





DATE _____ SHEET 4 OF _____

PREPARED BY _____

SUBJECT RUN TIME

ALTERNATIVE 'C'

PROJECT WASILA RAILROAD RELOCATION

LCMF Incorporated
A subsidiary of Ukpeagvik Inupiat Corporation



Architecture • Engineering
Surveying • Project Management

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MP 153.72			
	3.10 MI.	25 mph	7.44 MIN.
MP 156.82			
	0.5 MI.	37 MPH	0.81 MIN.
MAX SPEED PT			
	5.09 MI.	49 MPH	6.23 MIN.
MP 162.85	<u>8.69 MI.</u>		<u>14.5 MIN.</u>



CASE I

MP 153.72

7.98 mi 49 MPH

9.8 MINUTES

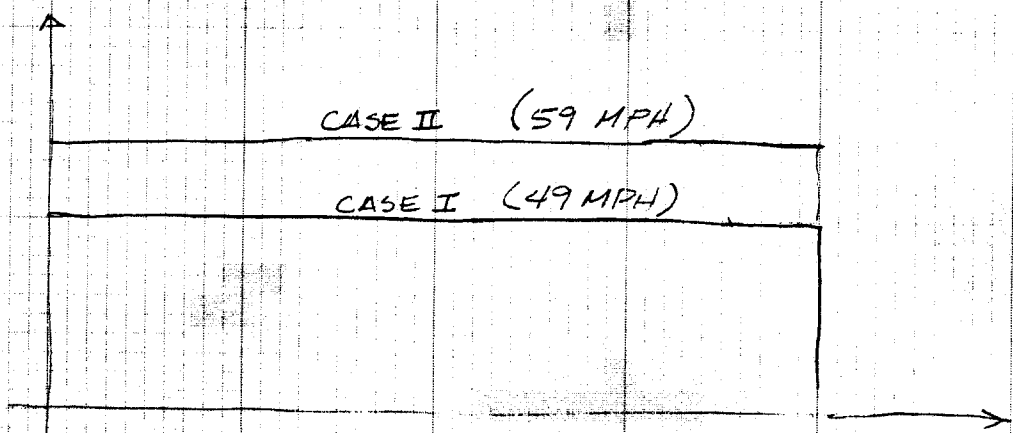
MP 102.85

CASE I

Passenger 59 MPH WHEN AUTHORIZED

7.98 mi 59 MPH

8.2 min



DECELERATION AT AIRPORT

$$0.75 \frac{\text{mi}}{\text{mi}} \div \left(\frac{59 \text{ MPH} + 0}{2} \right) \times 60 = \boxed{1.5 \text{ minutes}}$$