



APPROACH LENGTHS TABLE

APPROACH LENGTHS ALLOW FOR:

TIME IN SECONDS	CWT		CWT		CWT
	EB APP TRK 1	WB APP TRK 1	EB APP TRK 2	WB APP TRK 2	EB APP WYE
STANDARD MINIMUM TIME	20	20	20	20	20
CLEARANCE TIME	7	7	7	7	7
INTERCONNECT TIME	0	0	0	0	0
MINIMUM WARNING TIME	27	27	27	27	27
ADJUSTMENT TIME:					
EQUIPMENT RESPONSE TIME	1	1	1	1	1
GATES	5	5	5	5	5
MS/CWT RESPONSE TIME	4	4	4	4	4
BUFFER TIME (OVERSPEED)	5	5	5	5	5
TOTAL TIME	42	42	42	42	42
MAXIMUM SPEED (MPH)	25	30	25	30	10
APPROACH DISTANCE (FEET)	1541	1849	1541	1849	616
LOCATION AT M.P.	10.60	9.94	10.60	9.94	10.42

NOTES:

- 1 Gates and flashers maintained by CSXT.
- 2 Each RR maintains its own crossing controls.
- 3 IHB feeds "XR" contact to CSXT.
- 4 ACME Lead track speed = 10 MPH
- 5 IHB /UP Wye track speed = 10 MPH
- 6 New controls to be 4000 GCP
- 7 Bungalow location to be determined

CONTRACT
NEW CROSSING CONTORLS.
IDOT PROJECT

RED - IN 02-05-07
YELLOW -OUT PMB

NO SCALE

INDIANA HARBOR BELT RAILROAD COMPANY		
COMMUNICATIONS AND SIGNAL DEPARTMENT		
GRADE CROSSING WARNING SYSTEM LAYOUT PLAN		
LINCOLN AVENUE		DOT 163 612 W
BLUE ISLAND SUBDIVISION		MP 10.3
DOLTON, COOK COUNTY, IL		
PLAN NO:	REV.	DATE: 02-05-07
OFFICE OF THE ENGINEER - C&S		HAMMOND, IN