STATE OF MISSISSIPPI

DEPARTMENT OF TRANSPORTATION

RAILROAD GRADE CROSSING SIGNAL PROJECT

PLANS

STATE PROJECT NO:_____ FMS NO:_____

FEDERAL PROJECT NO:_____

AAR-DOT ID # _____

STREET / ROAD _____

RAILROAD _____

CITY _____

COUNTY _____

| MISSISSIPPI DEPARTMENT OF TRANSPORTATION |
| APPROVED |
| ___:_____ _____ |

MDOT DIAGNOSTIC SURVEY FOR SIGNALS

REVIEW DATE _____   PREPARED BY _____

RAILROAD_____   AAR/DOT NUMBER _____

MDOT DISTRICT_____   RAILROAD MILEPOST _____

LPA _____   ROUTE NAME _____

COUNTY _____   GPS LAT._____LONG. _____

EXISTING CONDITIONS

ADT _____   % TRUCK TRAFFIC_____%   SPEED LIMIT _____MPH

	L	F	P			L	F	P
NO. TRAINS PER DAY	___	___	___	TRAIN SPEED TABLE		___	___	___

	M	S
NO. TRACKS	___	___

X BUCKS ? ☐   FLS ? ☐   CANT. ? ☐   GATES? ☐

STOP SIGNS? ☐   STOP AHEAD SIGNS? ☐

SIGHT DISTANCE _____
_____
_____

	Y	N		Y	N
WIDEN CROSSROAD?	☐	☐	ELIMINATE TRACK	☐	☐
REALIGN FOR SWITCH OR FROG?	☐	☐	REMAINING TRACKS FOR DESIGN _____		
TRAFFIC DETOUR NECESSARY?	☐	☐	SCHEME _____		

SIGNS AND PAVEMENT MARKINGS

ADVANCE WARNING SIGNS REQUIRED ON ☐ ☐ ☐ ☐ APPROACHES
PAVEMENT RAILROADMARKINGS REQUIRED ON ☐ ☐ ☐ ☐ APPROACHES
PAVEMENT STOP LINES REQUIRED ON ☐ ☐ ☐ ☐ APPROACHES

HAZARDOUS MATERIAL TRAFFIC?   (>20) ☐ HEAVY   (10 to 20) ☐ NORMAL   (1 to 9) ☐ LIGHT   ☐ NONE

DAILY SCHOOL BUS TRAFFIC? _____

ACCIDENTS IN LAST 5 YEARS? _____

OTHER RECOMMENDATIONS:
_____
_____
_____

DIAGNOSTIC TEAM MEMBERS:
_____
_____

PLAN SHEET FOR GRADE CROSSING SIGNAL PROJECT
OPEN SHOULDER OR CURB AND GUTTER SECTION
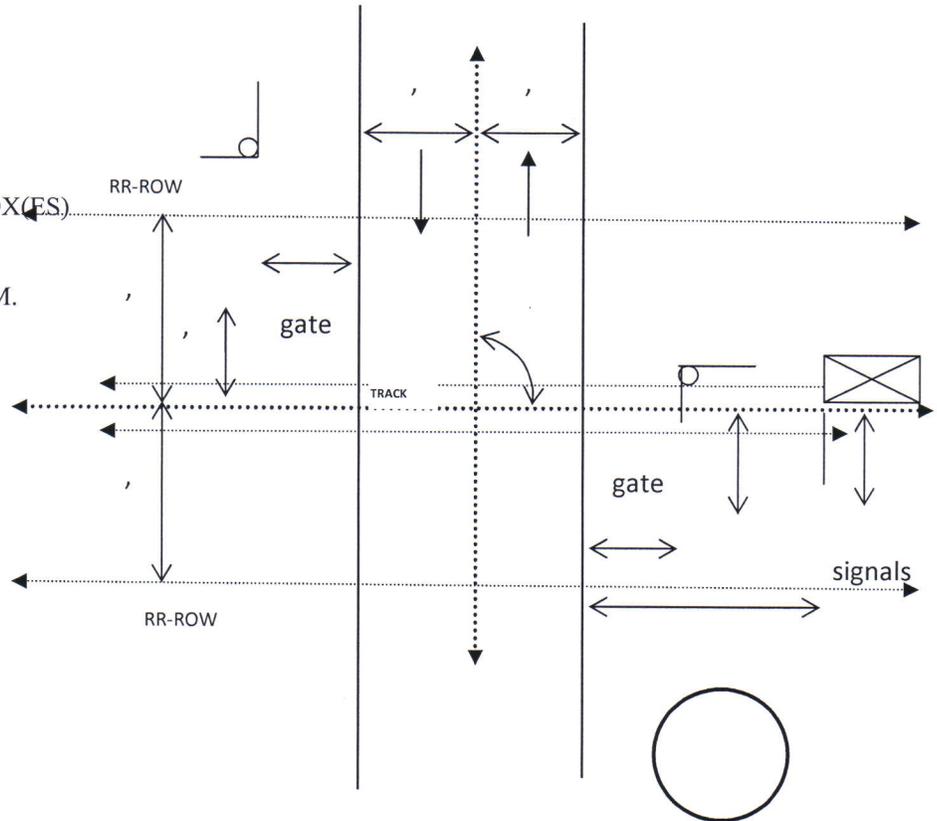
REVIEW DATE_____

NUMBER OF TRACKS:_____AAR/DOT NUMBER_____ ROUTE:_____

2010

NOTES:

CONTROL BOX(ES) TO BE 30FT.
   MINIMUN FROM EDGE OF HIGHWAY
   UNLESS SPECIAL PERMISSION IS
   GRANTED BY MDOT.

1) INDICATE LOCATION OF CONTROL BOX(ES) ON DIAGRAM.

2) INDICATE GATE LENGTH ON DIAGRAM.

3) SHOW NORTH ARROW IN CIRCLE.

RR-ROW

gate

TRACK

gate

signals

RR-ROW

UTILITY CONFLICTS?

Draw NORTH Arrow

PROPOSED IMPROVEMENTS:

(Mark out all items that do not apply)

Embankment Req'd? _ _____cy   BY WHOM? __na_____

SIGNALS TO BE INSTALLED:

Circuitry: (Train Actuated) ☐   (Motion Sensor) ☐   (CWT) ☐

Flashing lights (Standard) ☐   (Cantilevered) ☐   (LED) ☐

(With Gates) ☐   (Without Gates) ☐

(With Protective Devices) ☐   (Without Protective Devices) ☐

Other Notes:

_____
_____
_____
_____
_____
_____
_____