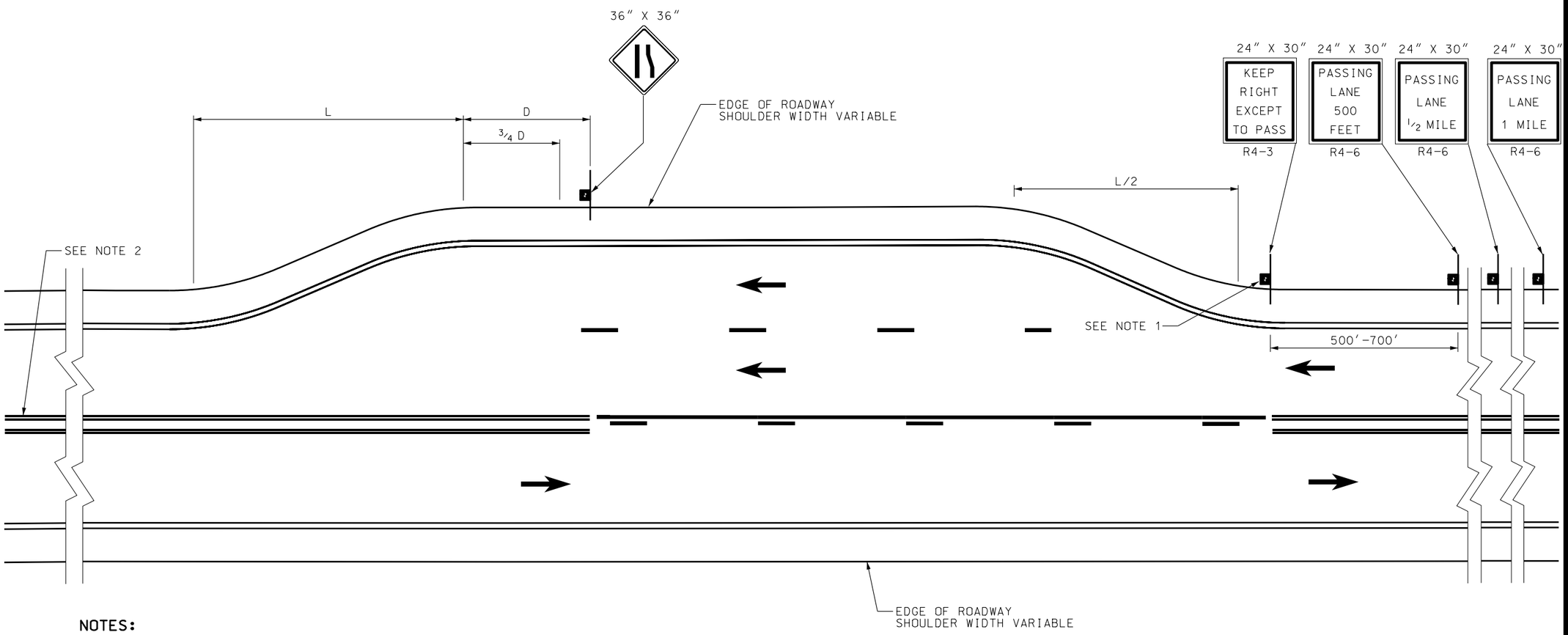

NOTES:

1. REPEAT THE R4-3 SIGN AT 1 MILE INTERVALS WHEN PASSING LANE EXCEEDS 2 MILES IN LENGTH.
2. PERMIT DOWN GRADE PASSING, PROVIDED PASSING ZONE CRITERIA IS MET. PLACE "NO PASSING" MARKINGS THROUGH AND BEYOND THE TRANSITION AREA UNTIL ADEQUATE SIGN DISTANCE IS MET.
3. USE TABLE II FOR DISTANCE "D".
4. USE THE FOLLOWING FORMULAS TO DETERMINE "L":

   L= S x W OR TABLE 1

   FOR SPEEDS LESS THAN 45 MPH

   $$L = \frac{WS^2}{60} \text{ OR TABLE II}$$

   L = LENGTH IN FEET
   S = SPEED LIMIT
   W = OFFSET IN FEET

TABLE I

SPEED MPH	AVERAGE RUNNING SPEED MPH	MIN. TRUCK SPEED MPH	"L" TRANSITION LENGTH (feet)	L/2 TRANSITION LENGTH (feet)
30	28	13	180	90
40	36	21	320	160
45	40	25	540	270
50	44	29	600	300
55	48	30	660	330
60	52	30	720	360
65	55	30	780	390
70	58	30	840	420

TABLE II

MPH	D (feet)
20	175
25	250
30	325
35	400
40	475
45	550
50	625
55	700
60	775
65	850

REVISIONS

NO.	DATE	APPR.	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL — JAN.01,2005 DATE
CHAIRMAN STANDARDS COMMITTEE APPROVED — JAN.01,2005 DATE
DEPUTY DIRECTOR

PASSING/CLIMBING LANES TRAFFIC CONTROL

STANDARD DRAWING TITLE

STD DWG
ST 6

DGN File:N:\Esd\Standard_Drawings\Imperial\2005Approved\Signing (ST)\st06.dgn
15-DEC-2004