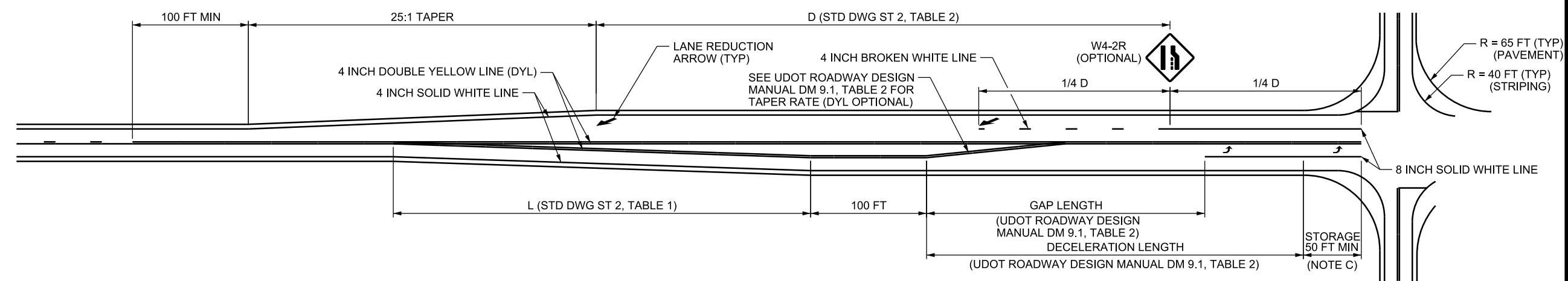
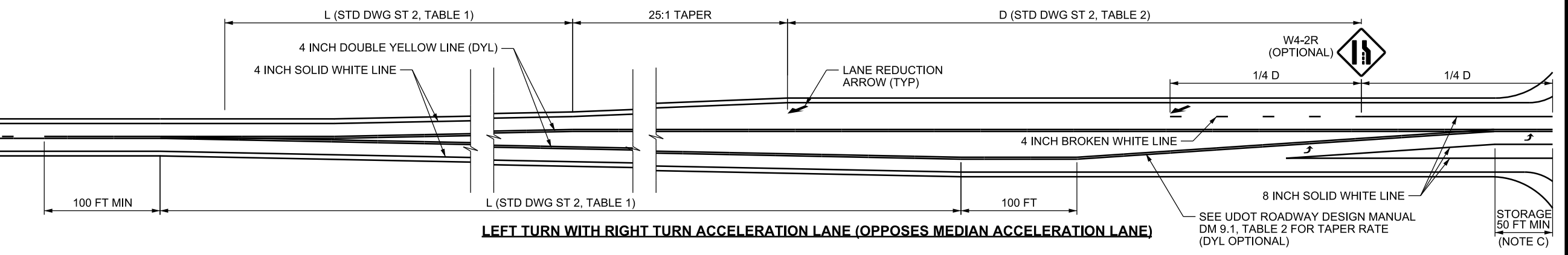


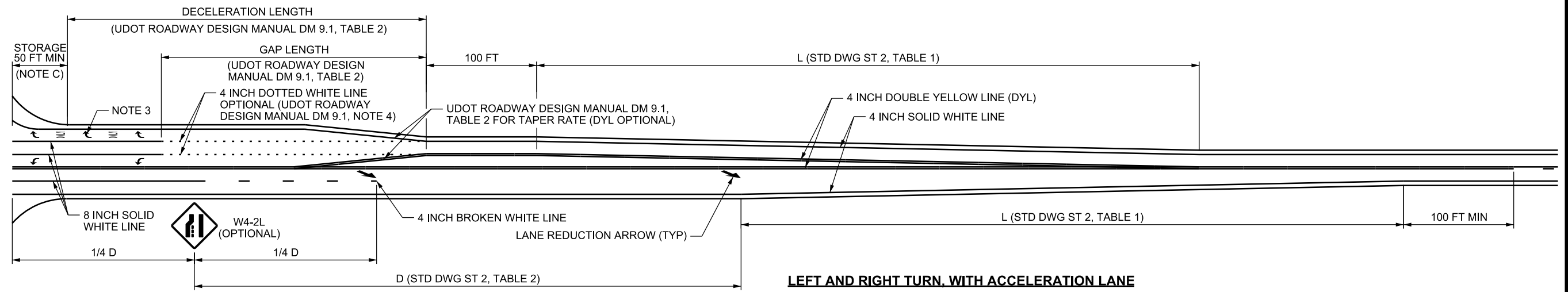
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LEFT TURN WITH RIGHT TURN ACCELERATION LANE



LEFT TURN WITH RIGHT TURN ACCELERATION LANE (OPPOSES MEDIAN ACCELERATION LANE)



LEFT AND RIGHT TURN WITH ACCELERATION LANE

TABLE 1				
MINIMUM LEVELS FOR INSTALLATION OF TURN AND ACCELERATION LANES ON TWO LANE ROADS				
SPEED	LEFT TURN LANE	RIGHT TURN LANE	LEFT TURN ACCELERATION LANE	RIGHT TURN ACCELERATION LANE
40 MPH AND LESS	25 VPH	50 VPH	*	*
45 TO 55 MPH	10 VPH	25 VPH	*	50 VPH
60 MPH AND GREATER	5 VPH	10 VPH	**	25 VPH

* OPTIONAL FOR 50 MPH AND LESS. FOR 55 MPH, AS REQUIRED BY THE REGION TRAFFIC ENGINEER.
 ** AS REQUIRED BY THE REGION TRAFFIC ENGINEER.
 VPH= VEHICLES PER HOUR IN ANY ONE HOUR PERIOD IN PASSENGER CAR EQUIVALENTS.

DESIGN NOTES:

- A. USE THE AASHTO A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS AND THE UTAH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR DESIGN OF ROADWAY ELEMENTS NOT SHOWN.
- B. CONFIGURATIONS SHOWN MAY VARY BASED ON LOCATION OF WIDENING (EQUAL WIDENING TO BOTH SIDES AS OPPOSED TO ONE SIDE OF THE EXISTING ROAD OR ANOTHER, FOR EXAMPLE).
- C. INCREASE VEHICLE STORAGE LENGTH AS DETERMINED BY ENGINEERING STUDY OR REGION TRAFFIC ENGINEER.
- D. DESIGN ALL EDGES OF PAVEMENT AND STOP LINE / RAISED MEDIAN OFFSETS FOR DESIGN VEHICLE (WB-67, UNLESS APPROVED BY REGION TRAFFIC ENGINEER). DESIGN STRIPING FOR STANDARD (P) DESIGN VEHICLES.

NOTES:

- 1. MATCH THE EXISTING OUTSIDE SHOULDER WIDTH (4 FT MIN) FOR ACCELERATION AND DECELERATION LANES (INCLUDING TAPERS). USE TABLE 1 ON UDOT ROADWAY DESIGN MANUAL DM 9.1 FOR ALL OTHER SHOULDER WIDTHS.
- 2. PROVIDE A TWO-WAY LEFT TURN LANE CONNECTING ADJACENT ACCESS POINTS WHEN THEIR TAPERS OVERLAP, OR AS DIRECTED BY THE REGION TRAFFIC ENGINEER.
- 3. PLACE RIGHT TURN ARROWS AND "ONLY" MARKINGS WHEN AN OPPOSING RIGHT TURN ACCELERATION OR A MANDATORY LANE DROP IS USED. SEE STD DWG ST 6 FOR PAVEMENT MESSAGE PLACEMENT.

REVISIONS

NO.	DATE	APPR.	REMARKS

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

RECOMMENDED FOR APPROVAL
 CHAIRMAN STANDARDS COMMITTEE
 APPROVED
 DEPUTY DIRECTOR

DATE
 AUG 30, 2018

TWO-LANE INTERSECTION
 PAVEMENT MARKINGS
 (SHEET 1 OF 2)

STD. DWG. NO.

ST 13

SUPPLEMENTAL DRAWING