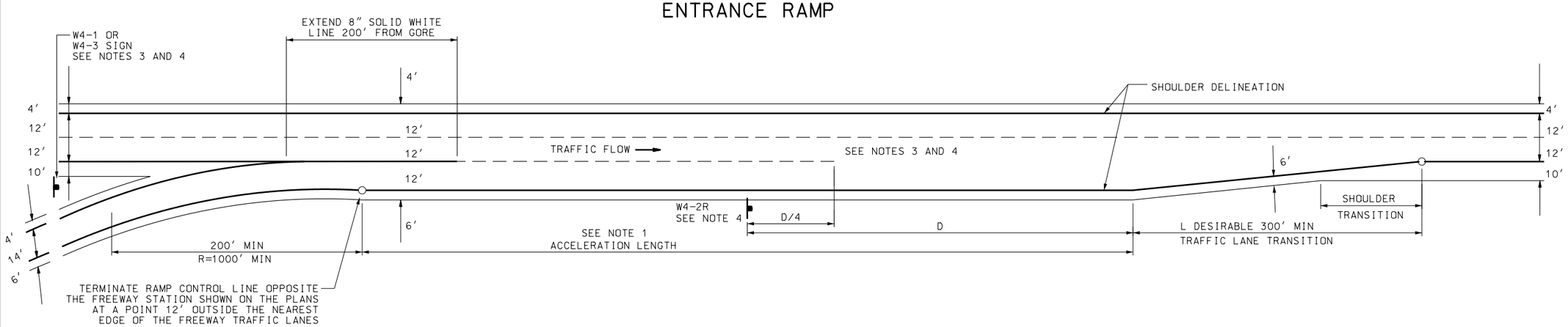
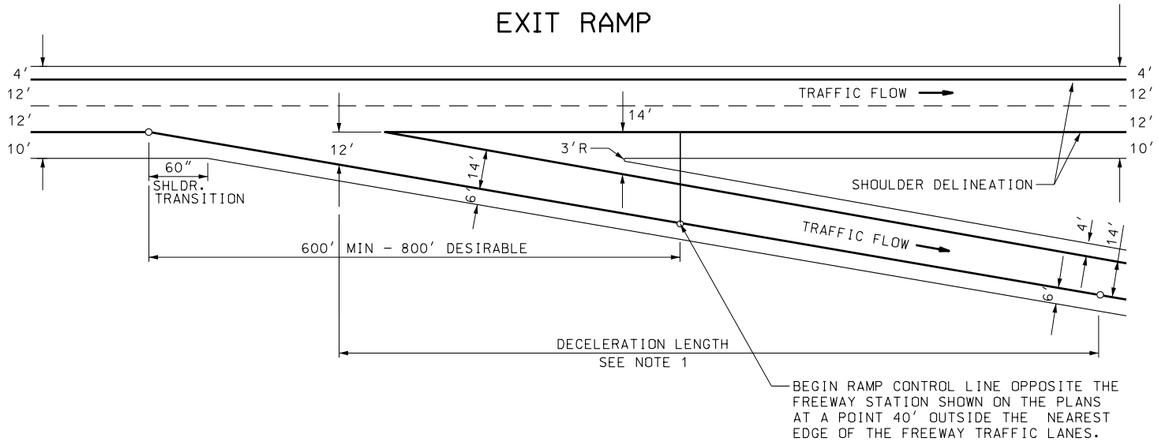
# ENTRANCE RAMP




# EXIT RAMP




| TABLE I | | |
|---|---|---|
| SPEED MPH | L* FT | D FT |
| 45 | 540 | 550 |
| 50 | 600 | 625 |
| 55 | 660 | 700 |
| 60 | 720 | 775 |
| 65 | 780 | 850 |
| 70 | 840 | 925 |
| 75 | 900 | 1000 |

* BASED ON 12' TRAFFIC LANE WIDTH

NOTES:

1. USE CURRENT EDITION OF THE AASHTO A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS FOR DESIGN OF ROADWAY ELEMENTS.
2. USE CURRENT EDITION OF THE AASHTO ROADSIDE DESIGN GUIDE FOR CLEAR ZONE REQUIREMENTS.
3. USE MERGE SIGN (W4-1) WHEN TANGENT RAMP LENGTH IS EQUAL TO AASHTO ACCELERATION LENGTH.

   PLACE BROKEN LINE TO THE HALFWAY POINT OF THE AASHTO ACCELERATION LENGTH WHEN USING THE W4-1 SIGN.

   DO NOT USE LANE ENDS SIGN (W4-2) WHEN USING THE W4-1 SIGN.
4. USE ADDED LANE SIGN (W4-3) WHEN TANGENT RAMP LENGTH EXCEEDS THE AASHTO ACCELERATION LENGTH.

   PLACE BROKEN LINE AND DOTTED LINE AS PER STD DWG ST 3 WHEN USING THE W4-3 SIGN.

   PLACE LANE ENDS SIGN (W4-2) ONLY WHEN USING THE W4-3 SIGN.
5. SEE STD DWG ST 3 FOR PAVEMENT MARKINGS.

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

ENTRANCE AND EXIT RAMP GEOMETRICS
STANDARD DRAWING TITLE

STD DWG
DD 6

DGN File: N:\Eng\Standard.Drawings\Imperial\2005Approved\Design (DD)\dd06.dgn
15-DEC-2004