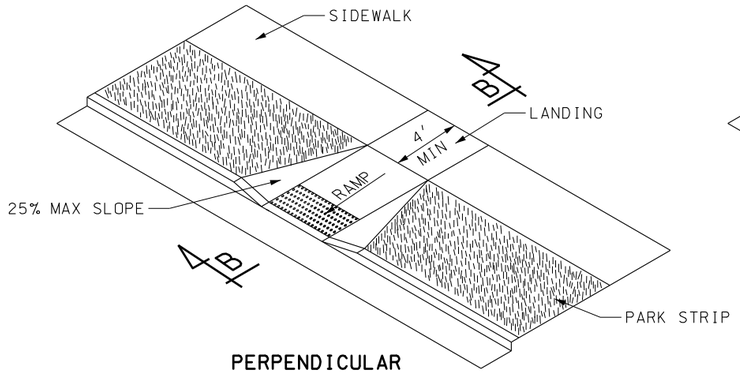
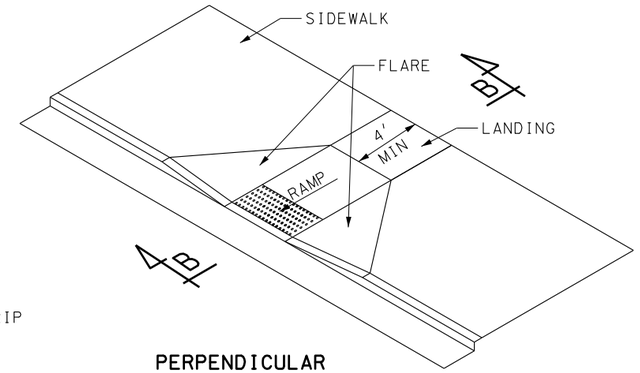
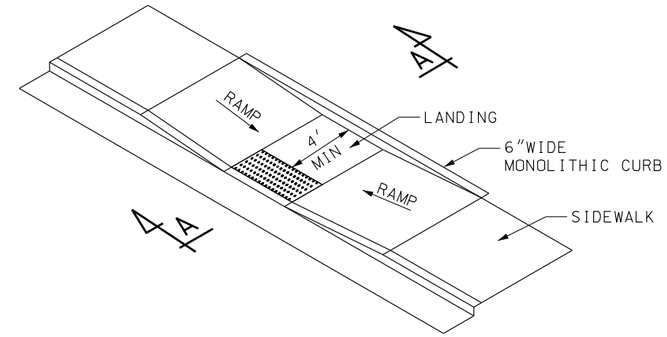


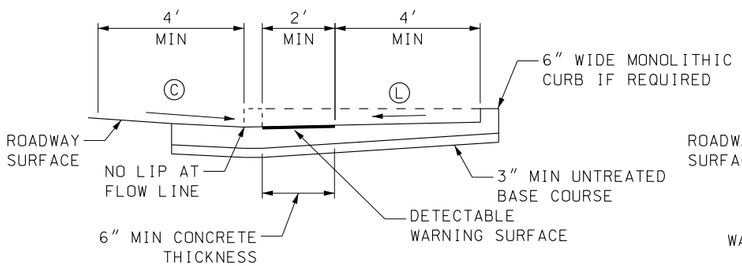
PERPENDICULAR PEDESTRIAN RAMP



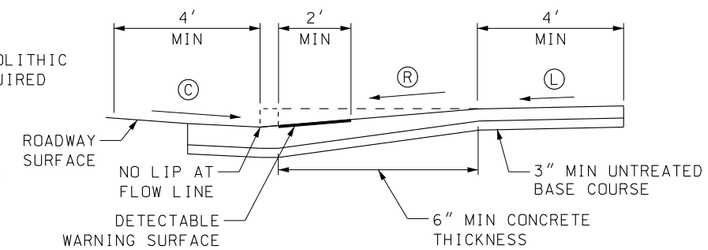
PERPENDICULAR PEDESTRIAN RAMP



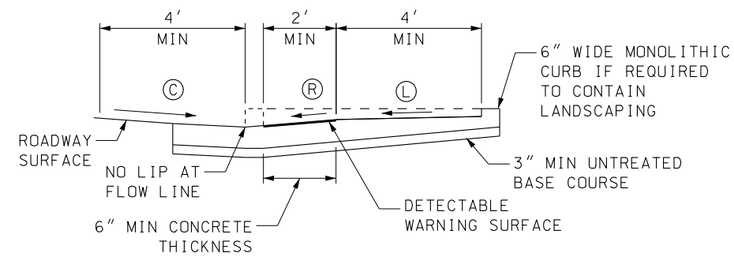
PARALLEL PEDESTRIAN RAMP



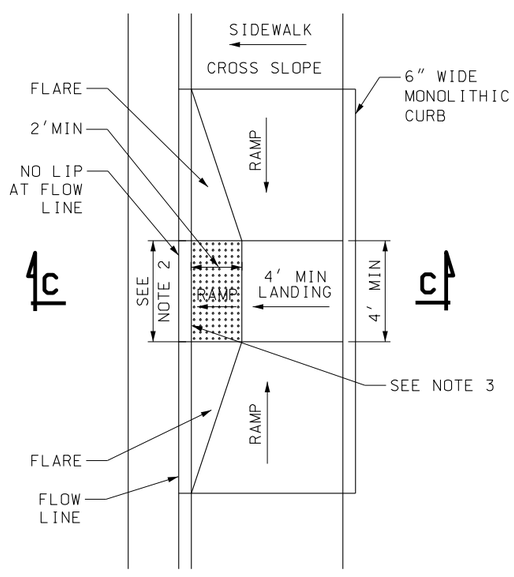
SECTION A-A



SECTION B-B



SECTION C-C



PEDESTRIAN ACCESS RAMP DETAIL

SLOPE TABLE			
	ITEM	MAX. RUNNING SLOPE *	MAX. CROSS SLOPE *
L	LANDING	2% (1V:48H)(b)	2% (1V:48H) (b)
R	RAMP	8.33% (1V:12H)(c)	2% (1V:48H) (d)
C	CLEAR SPACE	5% (1V:20H)(a)	2% (1V:48H) (d)
	SIDEWALK	--	2% (1V:48H)
	FLARE	10% (1V:10H)	--

* RUNNING SLOPE IS IN THE DIRECTION OF PEDESTRIAN TRAVEL. CROSS SLOPE IS PERPENDICULAR TO PEDESTRIAN TRAVEL.

(a) TRANSITION RUNNING SLOPE NEEDS TO BE CONSISTENT ACROSS ENTIRE CURB CUT. WARP GUTTER PAN TO MEET REQUIRED TRANSITION SLOPE AT CURB CUT.

EXCEPTIONS:

(b) SLOPE REQUIREMENTS DO NOT APPLY AT MID-BLOCK CROSSINGS.

(c) PARALLEL RAMPS ARE NOT REQUIRED TO EXCEED 15-FEET IN LENGTH.

(d) CROSS SLOPE REQUIREMENT DOES NOT APPLY AT PERPENDICULAR RAMP MID-BLOCK CROSSING.

GENERAL NOTES:

1. SITE CONDITIONS WILL VARY. CONFIGURATION OF RAMP, LANDING, AND TRANSITION MAY BE CHANGED, BUT THEY MUST MEET DIMENSIONS AND SLOPES SHOWN HERE. THE USE OF FLARES, CURBWALLS, ETC. ARE AT THE DISCRETION OF THE ENGINEER.
2. PROVIDE DETECTABLE WARNING SURFACE FOR FULL WIDTH OF CURB CUT. SEE DETAIL A ON GW 5C FOR DETECTABLE WARNING SURFACE DIMENSIONS.
3. LOCATE DETECTABLE WARNING SURFACE SO THE EDGE NEAREST THE STREET IS AT OR WITHIN 2" OF THE BACK OF CURB.
4. PERPENDICULAR AND PARALLEL PEDESTRIAN RAMPS SHOWN ON THIS DRAWING ARE ACCEPTABLE FOR USE AT MID-BLOCK OR CORNER INSTALLATIONS. REFER TO STD DWG GW 5B AND GW 5C FOR EXAMPLES OF CORNER INSTALLATIONS.
5. PROVIDE DETECTABLE WARNING SURFACE COLOR THAT CONTRASTS WITH ADJACENT WALKING SURFACE, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. ACCEPTABLE COLORS INCLUDE: RED, BLACK, OR YELLOW.
6. USE CLASS AA(AE) CONCRETE.
7. USE UNTREATED BASE COURSE UNDER ALL CONCRETE FLATWORK.
8. WHEN DETECTABLE WARNING SURFACE IS CUT, GRIND OFF REMAINING PORTION OF ANY CUT DOMES. SEAL ALL CUT PANEL EDGES TO PREVENT WATER DAMAGE.
9. LOCATE CURB CUT WITHIN CROSSWALK.
10. RAMP GRADE BREAK MUST BE PERPENDICULAR TO THE RUNNING SLOPE.

SUPPLEMENTAL DRAWING

REVISIONS

NO.	DATE	APPR.	REMARKS
1	06/30/05	L.M.	PERPENDICULAR PEDESTRIAN RAMP DETAIL MODIFIED.
2	02/23/06	L.M.	SECTION A-A, B-B, AND C-C MODIFIED TO CLARITY "T" DIMENSION.
3	04/26/07	W.S.	SECTIONS A-A, B-B, AND C-C MODIFIED, ADDED NOTES, REMOVED DETAIL A.

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

RECOMMENDED FOR APPROVAL — APR.26,2007 DATE
CHAIRMAN STANDARDS COMMITTEE
APPROVED — APR.26,2007 DATE
DEPUTY DIRECTOR

PEDESTRIAN ACCESS

STANDARD DRAWING TITLE

STD DWG
GW 5A

DGN File:L:\Standard_Drawings\Imperial\2005Approved\x_Supplemental_Issues\x_Supp2Approved\GW05A.dgn

09-MAY-2007