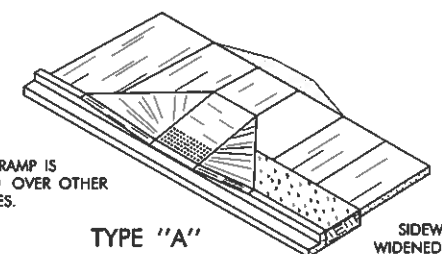


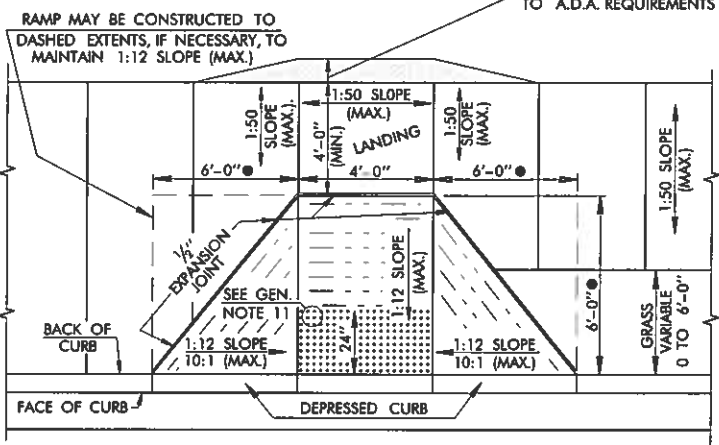
DESCRIPTION	REVISIONS	DATE
RE-ISSUE W/ENGLISH 1999 SPECS.		
Update to ADA Specs., Add G.Note #10	lpc 7/99	
Add New Tactile Warning Details, Notes lpc 11/02		
Ramp Tactile Warning Det., Add Note #11	lpc 6/05	
Ramp Orientation at Crosswalks	rh 8/08	
Removed trans. grooving & raised lip.	rh 6/09	

TYPE "A" RAMP IS PREFERRED OVER OTHER RAMP TYPES.

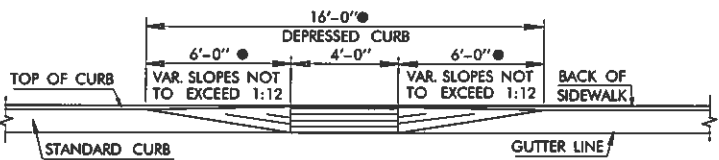


TYPE "A"

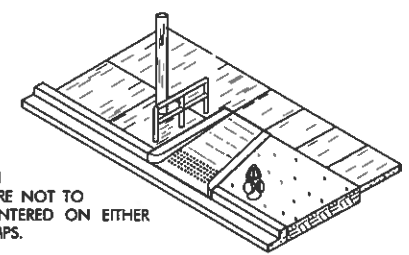
SIDEWALK MAY BE WIDENED TO CONFORM TO A.D.A. REQUIREMENTS



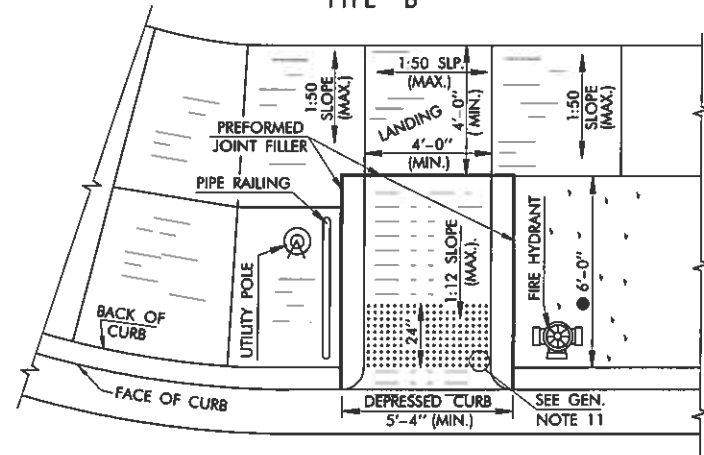
ELEVATION



USE TYPE "B" RAMP WHEN OBSTRUCTIONS, WHICH ARE NOT TO BE REMOVED, ARE ENCOUNTERED ON EITHER SIDE OF WHEELCHAIR RAMPS.

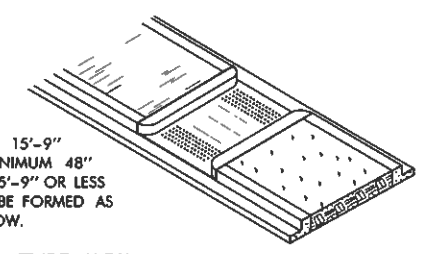


TYPE "B"

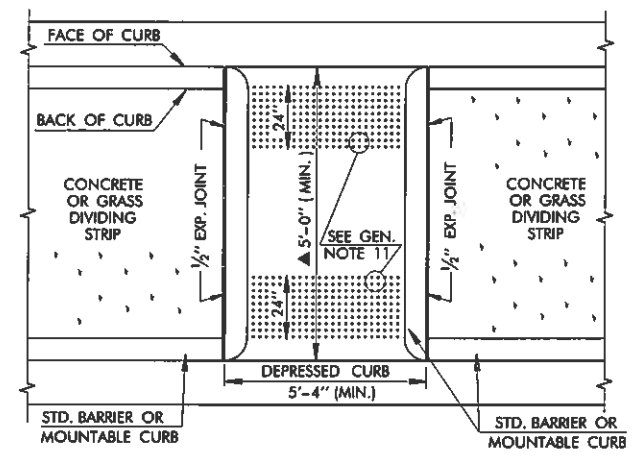


ELEVATION

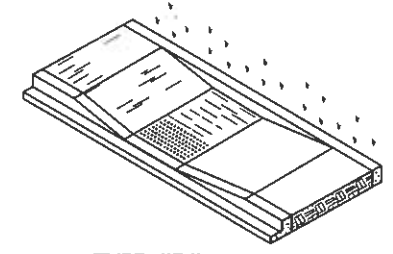
▲ FOR MEDIAN GREATER THAN 15'-9" USE TYPE "B" RAMP WITH MINIMUM 48" LANDING - IF MEDIAN IS 15'-9" OR LESS (5'-0" MIN.) SIDES ARE TO BE FORMED AS SHOWN IN THE DETAIL BELOW.



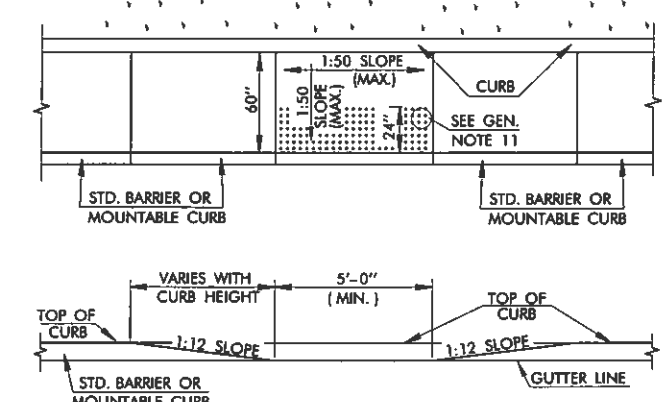
TYPE "C"



ELEVATION



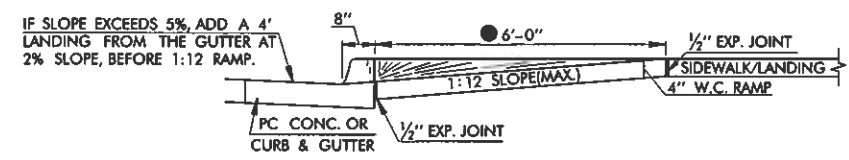
TYPE "D"



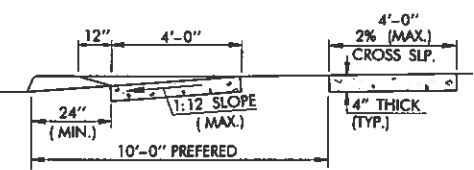
ELEVATION

GENERAL NOTES

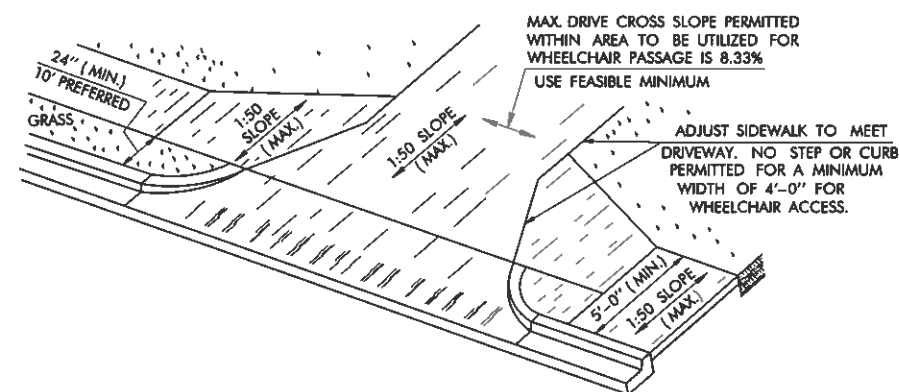
1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2008 ODOT STANDARD SPECIFICATIONS.
2. THERE WILL BE NO DEDUCTION OF PAYMENT FOR CONCRETE CURB & GUTTER AND/OR INTEGRAL CURB FOR THE LENGTH OF THE DEPRESSED CURB.
3. RAMP DIMENSIONS SHOWN ARE BASED ON A CURB HEIGHT OF SIX INCHES. THE DIMENSIONS SHOULD BE ADJUSTED FOR OTHER CURB HEIGHTS. THE MAXIMUM PERMISSIBLE SLOPES OF THE WHEELCHAIR RAMPS IS 8.33% (1:12). RAMP SLOPE MAY BE 10:1 (MAX.) ALONG FACE OF TAPERED CURB.
4. DRAINAGE STRUCTURES SHALL NOT BE PLACED IN LINE WITH THE RAMPS.
5. THE NORMAL GUTTER LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP WITH A 1:50 SLOPE (MAX.), SEE NOTE NO. 10.
6. WHEELCHAIR RAMPS SHOULD BE LOCATED SO THAT THE RAMP WILL BE ON THE TRAFFIC APPROACH SIDE OF ANY OBSTACLE.
7. WHEELCHAIR RAMPS SHOULD BE BUILT AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE TYPE OF RAMP WILL BE DESIGNATED ON THE PLANS. IF A RAMP IS TO BE CONSTRUCTED AS A COMBINATION OF TWO TYPES, (ONE SIDE TYPE A AND ONE SIDE TYPE B) THE RAMP SHALL BE DESIGNATED AS TYPE A-B.
8. PIPE RAILING CONSTRUCTION DETAILS, WHEN REQUIRED AT TYPE B WHEEL CHAIR RAMPS, WILL BE SHOWN ON THE PLANS.
9. EXCAVATION, BACKFILL, EXPANSION JOINT MATERIAL, SEALERS, AND OTHER RELATED MISCELLANEOUS ITEMS WILL NOT BE PAID FOR SEPARATELY BUT THE COST THEREOF SHALL BE INCLUDED IN THE COST OF THE SIDEWALK.
10. ALL FEATURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, CURB RAMPS AND CROSSWALK MARKINGS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT, ACCESSIBILITY GUIDELINES (ADAAG). WHERE SPATIAL LIMITATIONS OR EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH THE ADAAG, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURE(S). THE CONTRACTOR SHALL NOT PROCEED WITH ANY ASPECT OF THE WORK WHICH IS NOT IN FULL COMPLIANCE WITH THE ADAAG WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUIDELINES OF THE ADAAG, FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
11. ALL WHEEL CHAIR RAMPS REQUIRE TACTILE WARNING DEVICES, SEE THE SPECIAL DETAIL SHEET INCLUDED IN THE PLANS.



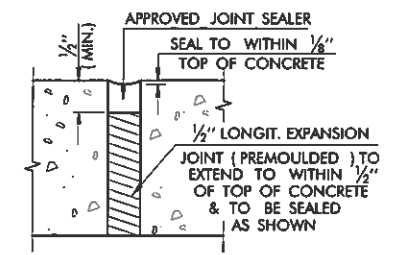
WHEELCHAIR RAMP PROFILES (TYPE A OR B)



AT DRIVEWAY LOCATIONS, THE NORMAL 4'-0" SIDEWALK MUST BE SET BACK FROM CURB, OR A WIDER SIDEWALK (5'-0" TYP.) USED TO ASSURE WHEELCHAIR PASSAGE. WHEELCHAIR PASSAGE MUST BE AVAILABLE ON EXTENDED LENGTHS OF SIDEWALKS AT INTERVALS LESS THAN 200 FEET.



TYPICAL SIDEWALK WIDENING AT DRIVEWAY



1/2" EXPANSION JOINT

JOINT FILLER SHALL MEET THE REQUIREMENTS OF SECTIONS 701.08(b) AND 701.08(e) OF THE 1999 ENGLISH STANDARD SPECIFICATIONS. JOINT FILLER SHALL BE USED BETWEEN SIDEWALK AND CURBS, WHEELCHAIR RAMPS, DRIVEWAYS, STREETS, RETAINING WALLS, ETC.

THE ABOVE EXAMPLE ILLUSTRATES THE MAXIMUM LEVEL OF ACCESSIBILITY REQUIRED AT INTERSECTIONS ON NEW CONSTRUCTION/RECONSTRUCTION PROJECTS AND DEPICTS VARIOUS RAMP TYPES, POSSIBLE RAMP LOCATIONS, POSSIBLE INLET LOCATIONS AND HOW THE RAMPS WILL BE DESIGNATED ON THE PLANS. CARE SHOULD BE EXERCISED TO ASSURE THAT MEDIAN RAMP AND CURB RAMP LINE UP AND THAT RAMPS THROUGHOUT A PROJECT ARE LOCATED WITH SOME DEGREE OF UNIFORMITY. 3R AND ALTERATION PROJECTS SHOULD ATTEMPT TO MEET THE ABOVE EXAMPLE TO THE MAXIMUM EXTENT FEASIBLE.

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
610.06(A)	CONCRETE SIDEWALK	SQ. YD.
622.06(A)	PIPE RAILING	L. F.

■ SIDEWALK THICKNESS SHALL BE SPECIFIED IN INCHES.

APPROVED BY ROADWAY ENGINEER *Timothy A. Regan* DATE 4/24/09

OKLAHOMA DEPT. OF TRANSPORTATION
ROADWAY STANDARD (ENGLISH)

WHEELCHAIR RAMPS