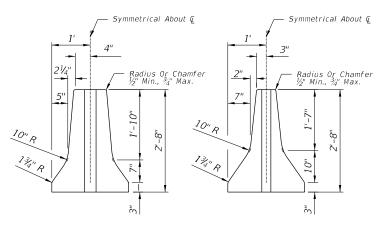
# GENERAL NOTES

- 1. Temporary concrete barrier systems on roadways may be any of the following:
- a. The FDOT Type K Temporary Concrete Barrier system (Design Standard Index 414). F-Shape Units. For temporary concrete barrier systems on bridges see Design Standard Index No. 414.
- b. Proprietary temporary concrete barrier systems meeting NCHRP Report 350 Test Level 3 criteria which are included on the Approved Products List.
- 2. Barrier units of dissimilar types may be interconnected within a single line barriers using transition units.
- 3. Alignment, length of need, anchorage and end treatment shall be in accordance with this Index.
- 4. Temporary concrete barrier units shown herein shall not be used for permanent barrier wall construction regardless of unit length.
- 5. If the plans specify Barrier (Temporary) (Type K), substitution with other barrier types is not permitted.
- 6. If the plans specify temporary concrete barrier system, substitution with water filled barriers is not permitted.
- 7. Where existing pavement is not present, construct an Asphalt Pad using Miscellaneous Asphalt Pavement. Cost of the Asphalt Pad to be included in the cost of the Barrier system.
- 8. Barrier Delineators meeting the requirements of Specifications Section 993 are to be mounted on top of temporary concrete barriers that are used as barriers along traveled ways in work zones. The barrier delineators are to be spaced at 50' centers in transitions, 100' centers on curves and 200' centers on tangent roadways. Color must match adjacent longitudinal pavement marking.
- 9. Barrier units used for work zone traffic control and other temporary applications shall be paid for under the contract unit price for Barrier (Temporary), LF.
- 10. Deflection space shall be clear of any grass, construction debris, stockpiled materials, equipment, and objects.
- 11. Placing alternate temporary barrier systems with heights greater than 32 inches within the work zone may obstruct the clear sight distance at intersections and driveways. Prior to placing these barrier systems, the contractor shall submit a Certification Statement that the clear sight distance meets the requirements of Index 546, signed and sealed by a Florida Professional Engineer.

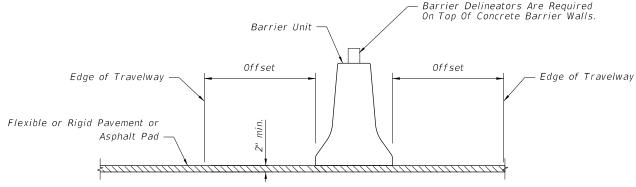
12. Minimum temporary concrete barriers installed per run shall be 16 units.

OFFSET AND DEFLECTION SPACE REQUIREMENTS				
Installation	Shielding	Work Zone Speed	Offset to Travelway	Deflection Space
Left or Right Shoulder Separating Traffic	Above Ground Hazards	45 mph or Less	1' min, 2' preferred	2' min.
		50 mph and Greater	2' min, 4' preferred	4' min.
	Drop-Off Hazards	45 mph or Less	1' min, 2' preferred	2' min.
		50 mph and Greater		
		a. Drop-offs 4' or Less and NO traffic below	2' min, 4' preferred	2' min.
		b. All drop-off conditions other than 'a'	2' min, 4' preferred	4' min.
	Adjacent Opposing Traffic	45 mph or Less	1' min, 2' preferred	1' min., 2' prefered
		50 mph and Greater	2' min, 4' preferred	2' min., 4' preferrea

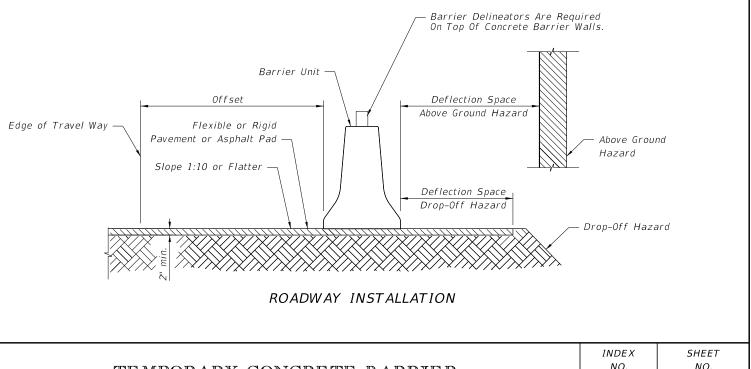




END VIEWS REINFORCEMENT AND OTHER UNIT FABRICATION DETAILS NOT SHOWN. PERMITTED BARRIER UNIT END VIEWS



MEDIAN INSTALLATION



DESCRIPTION:

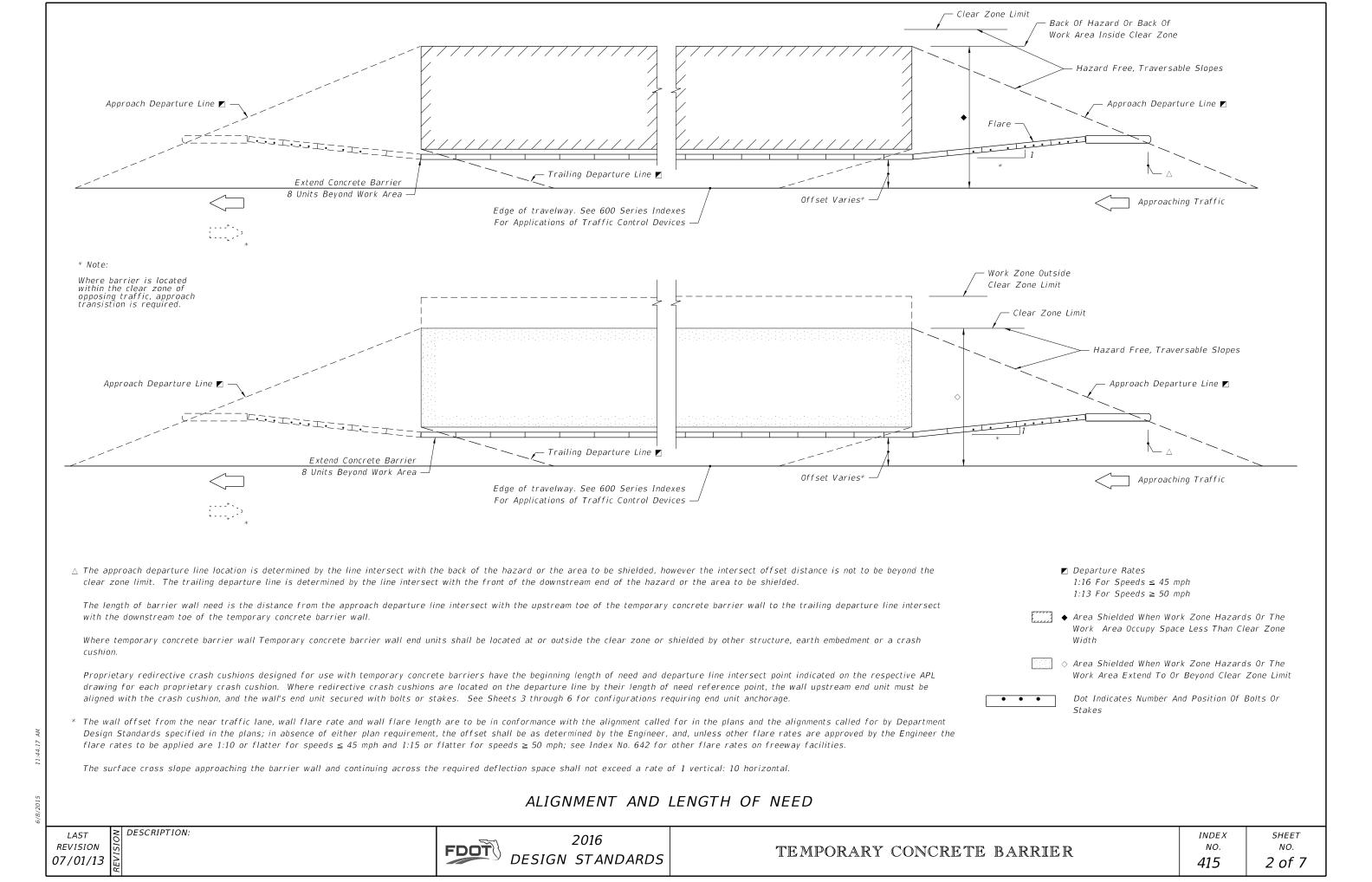
2016 FDOT DESIGN STANDARDS

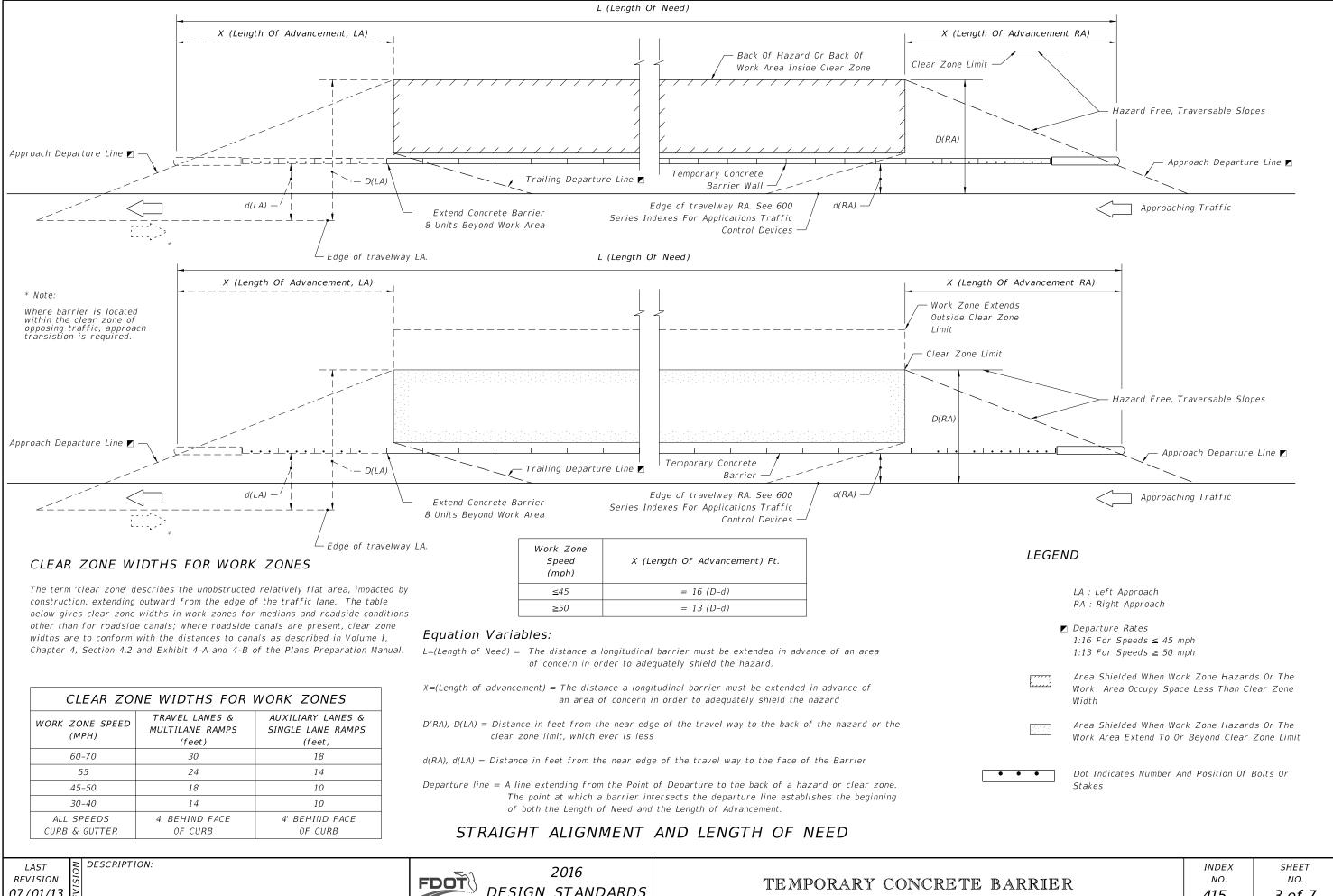
# TEMPORARY CONCRETE BARR

N.J. SHAPE

Barrier Delineators Are Required

	INDEX	SHEET
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CLEAR ZONE WIDTHS FOR WORK ZONES			
WORK ZONE SPEED (MPH)	TRAVEL LANES & MULTILANE RAMPS (feet)	AUXILIARY LANES & SINGLE LANE RAMPS (feet)	
60-70	30	18	
55	24	14	
45-50	18	10	
30-40	14	10	
ALL SPEEDS CURB & GUTTER	4' BEHIND FACE OF CURB	4' BEHIND FACE OF CURB	

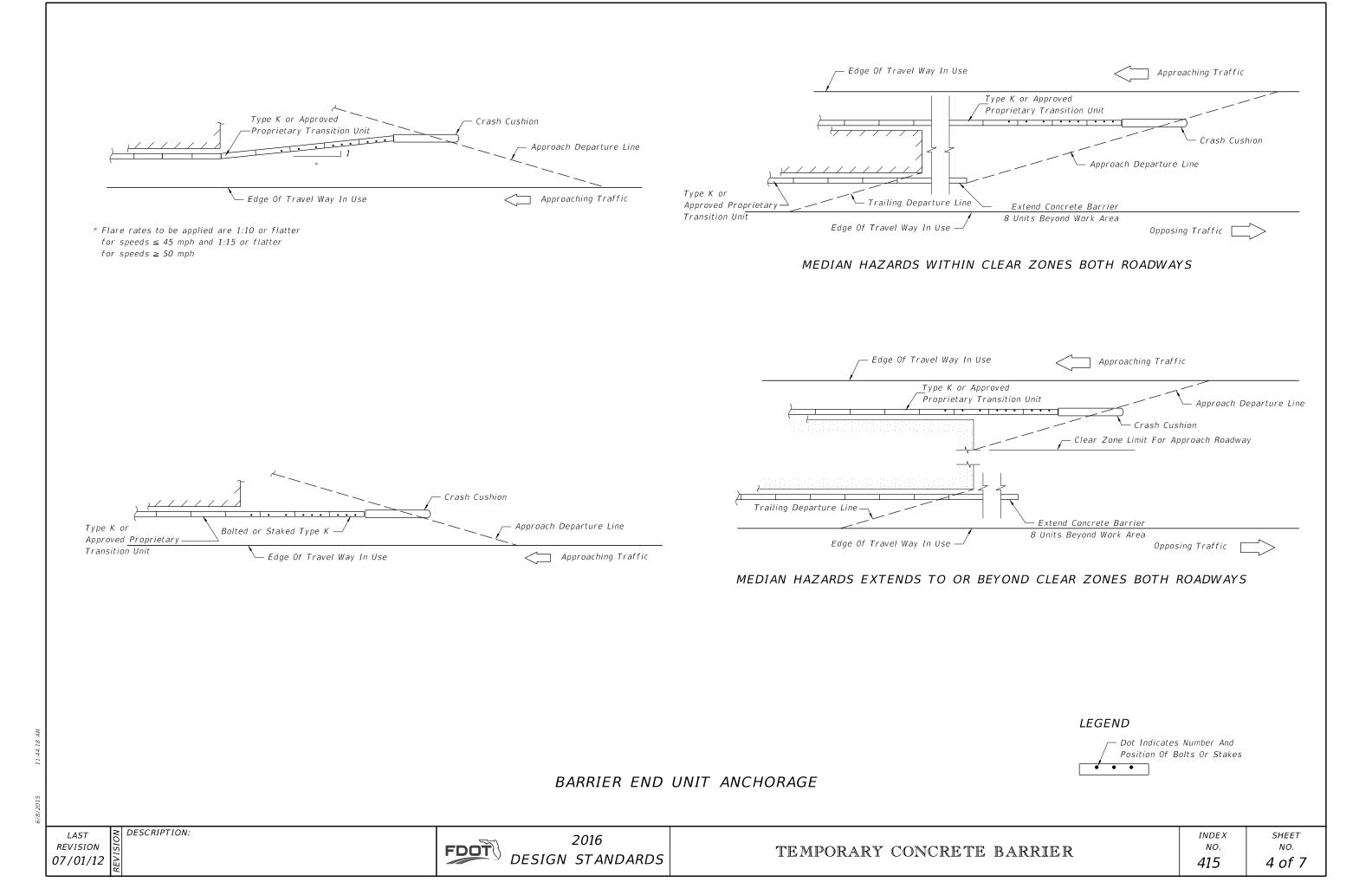
Work Zone Speed (mph)	X (Length Of Advancement) Ft.
≤45	= 16 (D-d)
≥50	= 13 (D-d)

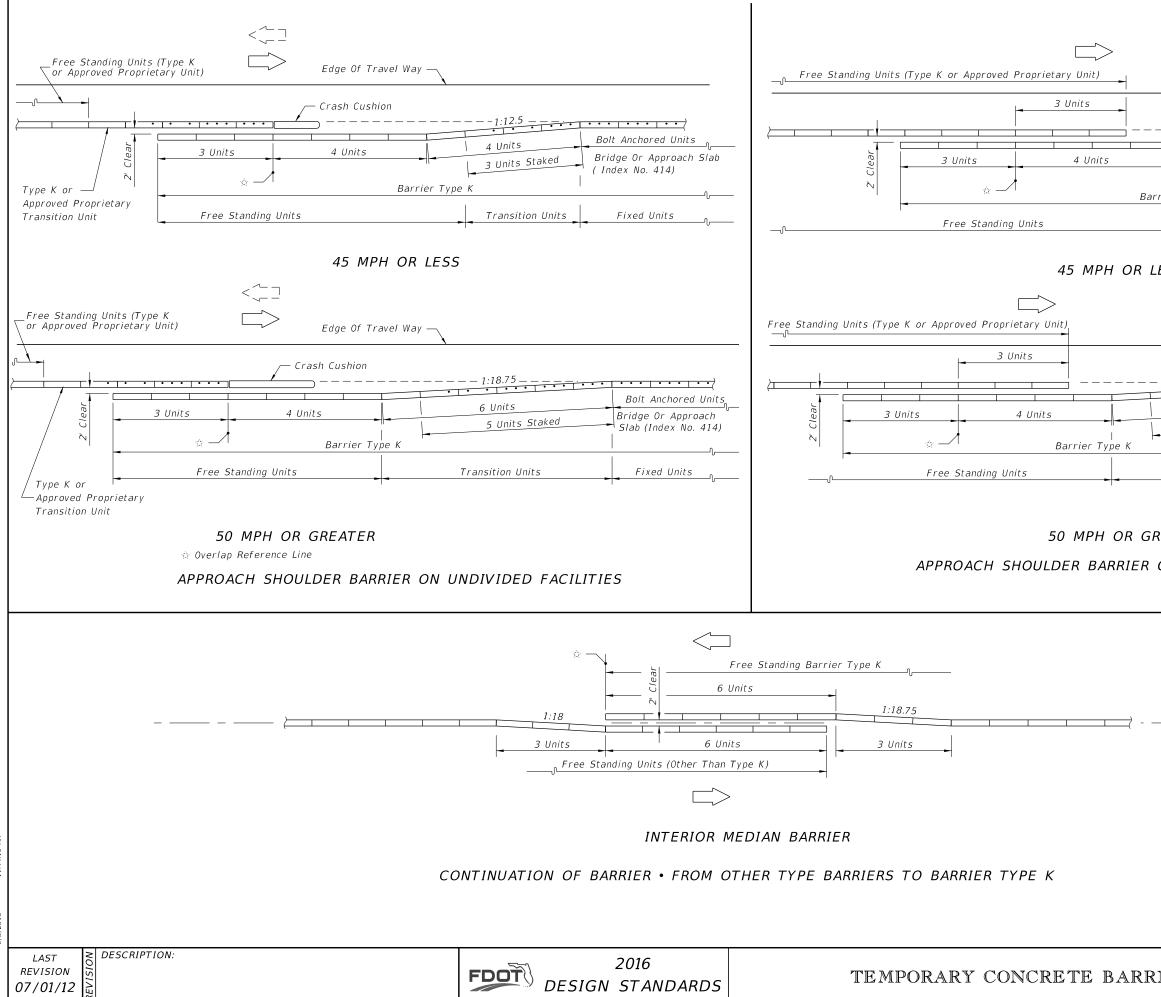
415

3 of 7

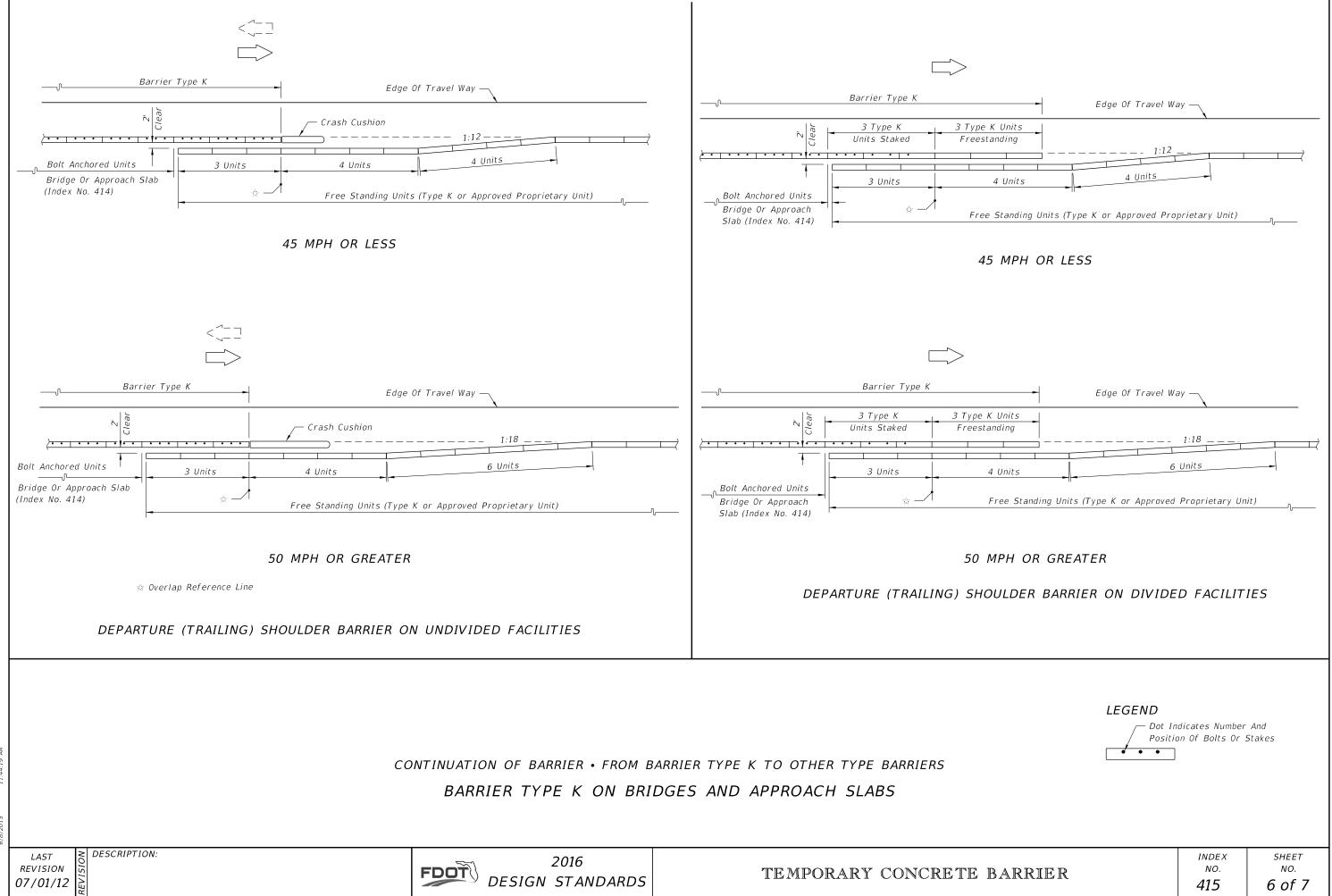
DESIGN STANDARDS

REVISION 07/01/13

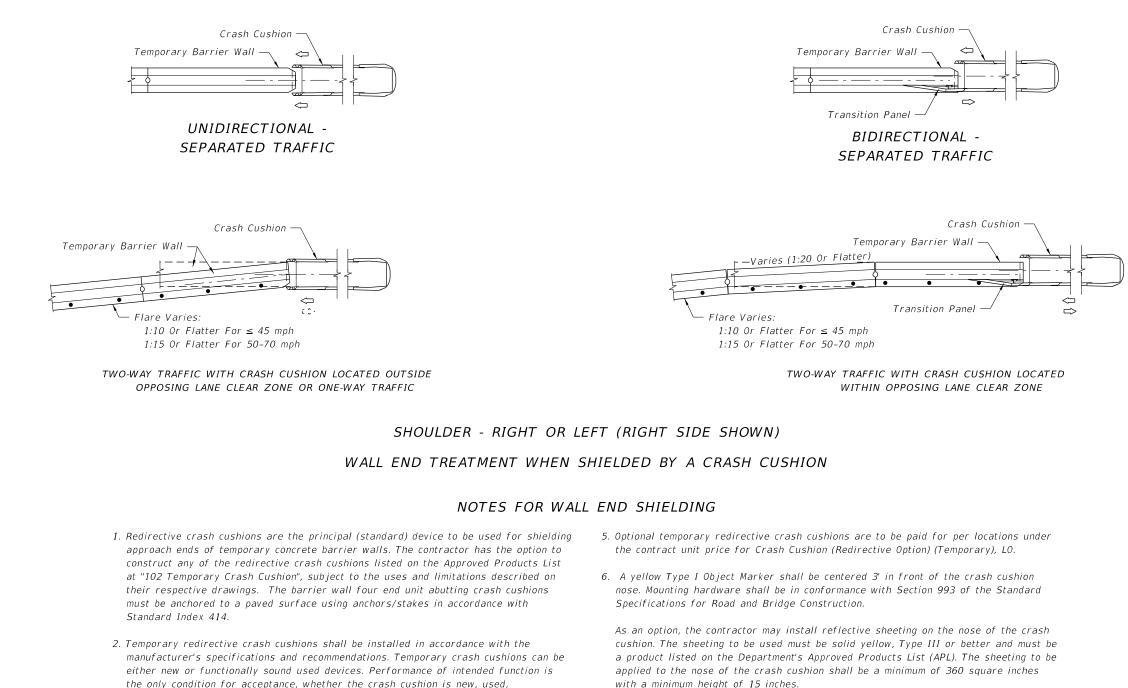




Edge Of Travel Way —		
· · · · · · · · · · · · · · · · · · ·		
1:12.5	Bolt Anchor Bridge Or Ar (Index N	oproach Slab
Transition Units	Fixed L	Inits
ESS		
Edge Of Travel Way —		
6 Units 5 Units	Bridge Or	hored Units Approach ex No. 414)
Transition Units	Fixed	Units
REATER ON DIVIDED FACILIT	IES	
/	Indicates Numbe tion Of Bolts Or	
IER	index no. <b>415</b>	<sup>sнеет</sup> NO. <b>5 of 7</b>



R	NO.	N
	415	60



- 7. Equipment, stockpile material, etc., shall not be placed behind the crash cushion.
- 8. When subjected to reverse direction hits, construct Transition Panels from Concrete Barrier Walls to Crash Cushions; for additional details refer to the applicable crash cushion drawings on the APL.
- 9. Galvanize metallic components to meet the requirements for Steel Guardrail, Section 967 of the Standard Specifications for Road and Bridge Construction.

LEGEND Dot Indicates Number And Position Of Bolts Or Stakes

DESCRIPTION:

LAST

REVISION

07/01/14

SHIELDING WALL ENDS WITH REDIRECTIVE CRASH CUSHIONS (REDIRECTIVE OPTION)

2016 FDOT DESIGN STANDARDS

refurbished, purchased, leased, rented, on loan, shared between projects, or made up

3. Temporary Crash Cushions shall not be bolted down on bridge superstructures that

girders) or on bridge superstructures consisting of longitudinally prestressed,

4. Assemble and install Crash Cushions according to the limitations noted on the

Approved Products List (APL) webpage, the manufacturer's specifications, and the

contain post-tensioned tendons within the concrete deck (top flange of concrete box

transversely post-tensioned, solid or voided concrete slab units. Gating crash cushions

of mixed new and used components.

shall be used where bolting is not allowed.

applicable crash cushion drawings posted on the APL.

TEMPORARY CONCRETE BARR

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