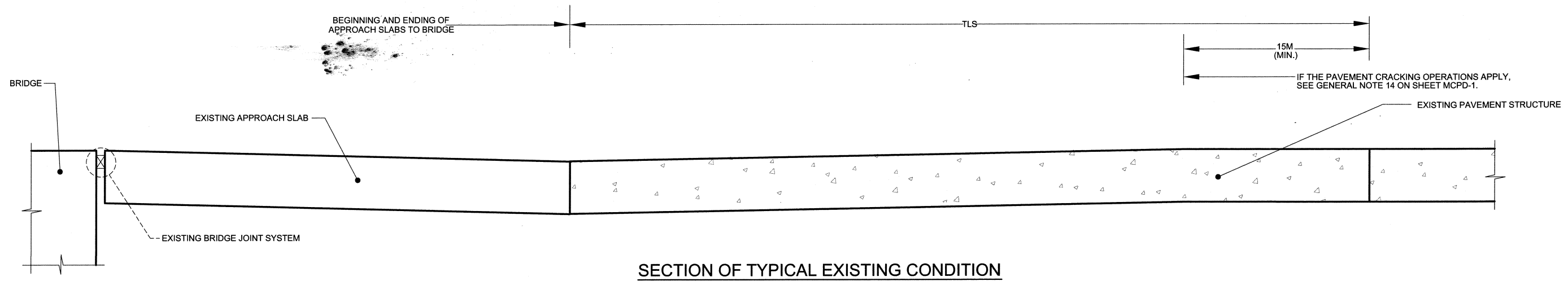
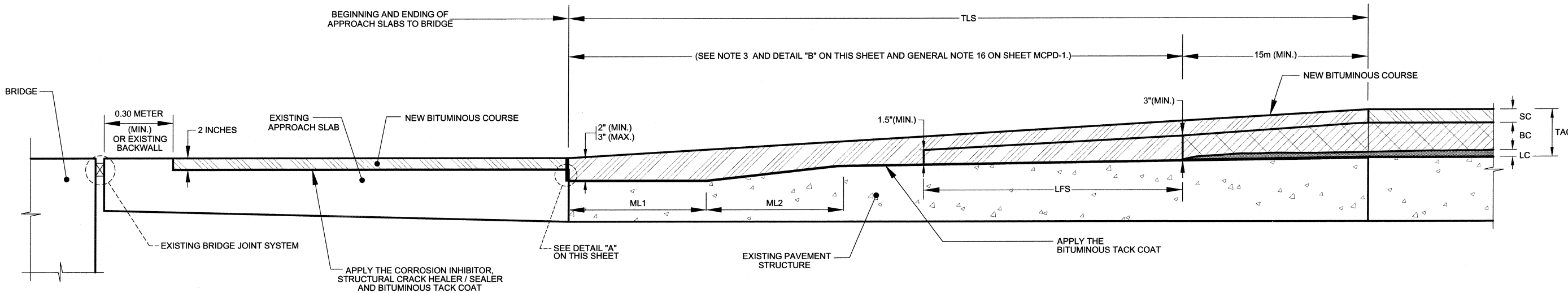


DATE	REVISION	BY
SEP. 09		
MAY. 10		



SECTION OF TYPICAL EXISTING CONDITION



SECTION OF TYPICAL NEW BITUMINOUS COURSES

LEGEND

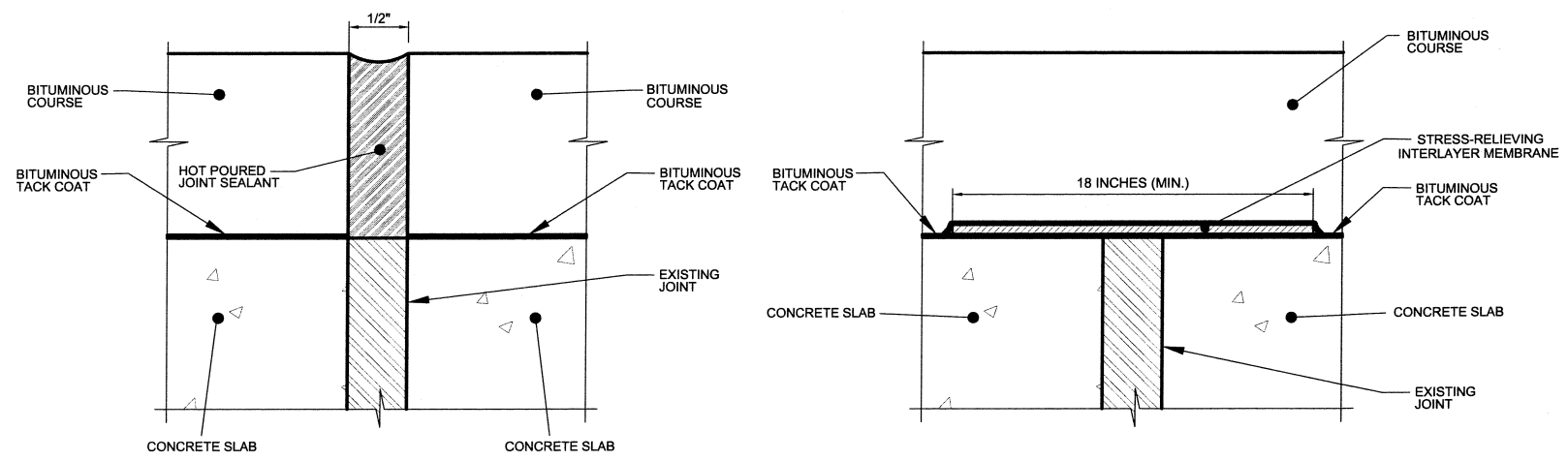
- BITUMINOUS LEVELING COURSE (HOT PLANT-MIX BITUMINOUS L-2(75))
- BITUMINOUS BASE COURSE (HOT PLANT-MIX BITUMINOUS B-1(75) OR SPB)
- BITUMINOUS SURFACE COURSE (FIRST LAYER) (HOT PLANT-MIX BITUMINOUS S-1(75) OR SPS)
- BITUMINOUS SURFACE COURSE (SECOND LAYER) (HOT PLANT-MIX BITUMINOUS S-1(75) OR SPS)

TRANSITION TO CONCRETE PAVEMENTS AND STRUCTURES TYPE 13										
OVERALL THICKNESS	MINIMUM COURSE THICKNESS			MINIMUM TRANSITION LENGTHS			MINIMUM FIRST LAYER LENGTH		MILLING LENGTH	
	TAC (INCHES)	LC (INCHES)	BC (INCHES)	SC (INCHES)	TLL (METERS)	TLB (METERS)	TLS (METERS)	LFS (METERS)	ML1 (METERS)	ML2 (METERS)
2	N/A	N/A	2	2	0	0	45	N/A	6 [1 SLAB]	6 [1 SLAB]
3	1	N/A	2	2	15	0	55	N/A	6 [1 SLAB]	6 [1 SLAB]
4	2	N/A	2	2	25	0	65	N/A	12 [2 SLABS]	6 [1 SLAB]
5	N/A	3	2	2	0	35	75	30	12 [2 SLABS]	6 [1 SLAB]
6	N/A	4	2	2	0	45	85	35	12 [2 SLABS]	12 [2 SLABS]
7	1	4	2	2	15	55	95	40	12 [2 SLABS]	12 [2 SLABS]

LEGEND:
 TAC = THICKNESS OF ALL BITUMINOUS COURSES
 LC = THICKNESS OF BITUMINOUS LEVELING COURSE
 BC = THICKNESS OF BITUMINOUS BASE COURSE
 SC = THICKNESS OF BITUMINOUS SURFACE COURSE
 TLL = TRANSITION LENGTH OF BITUMINOUS LEVELING COURSE
 TLB = TRANSITION LENGTH OF BITUMINOUS BASE COURSE
 TLS = TRANSITION LENGTH OF BITUMINOUS SURFACE COURSE
 LFS = LENGTH OF FIRST LAYER OF BITUMINOUS SURFACE COURSE
 ML1 = MILLING LENGTH IN LEVEL SECTION
 ML2 = MILLING LENGTH IN SLOPED SECTION

NOTES:

1. THE GENERAL NOTES, PROCEDURES AND DETAILS FOR TRANSITION TO CONCRETE PAVEMENTS AND STRUCTURES TYPE 13 ARE SHOWN ON SHEET MCPD-1.
2. THE PLACING SEQUENCE OF BITUMINOUS COURSES ARE SHOWN ON SHEET MCPD-19.
3. THE STRESS-RELIEVING INTERLAYER MEMBRANE SHALL BE INSTALLED OVER PAVEMENT CRACKS, AND LONGITUDINAL AND TRANSVERSE JOINTS.



DETAIL "A"

DETAIL "B"



COMMONWEALTH OF PUERTO RICO
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY AND TRANSPORTATION AUTHORITY

STANDARD DRAWING APPROVED BY:

 30/10/10
 ASSISTANT EXECUTIVE DIRECTOR FOR INFRASTRUCTURE

MISCELLANEOUS CONCRETE PAVEMENT DETAILS
 DETAILS FOR TRANSITION TO CONCRETE PAVEMENTS AND STRUCTURES TYPE 13

MCPD-18
 MAY 2010