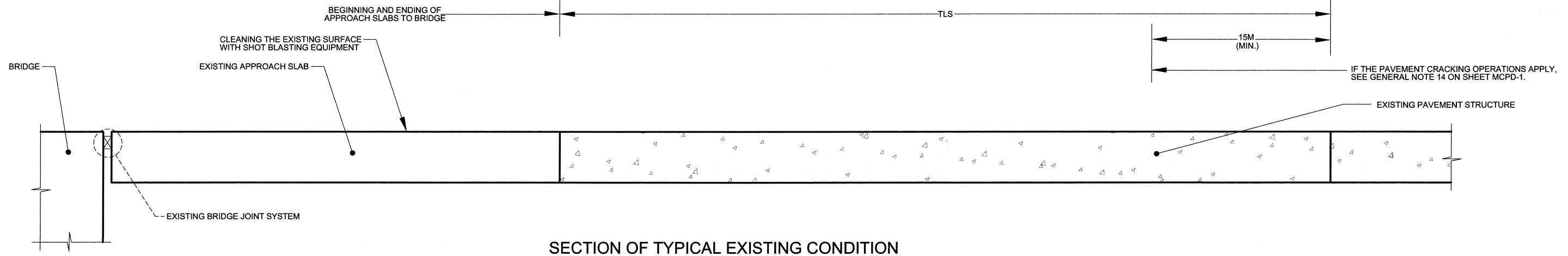
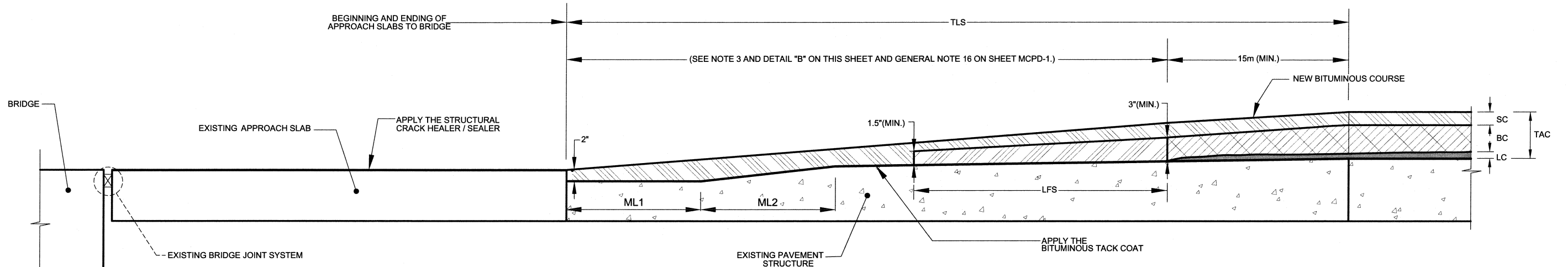


DWG BY: LMARTINEZ 2934

BY	REVISION	DATE	BY	REVISION	DATE	BY	REVISION	DATE	BY	REVISION	DATE
DATE	REVISION	ORIGINAL	DATE	REVISION	ORIGINAL	DATE	REVISION	ORIGINAL	DATE	REVISION	ORIGINAL
SEP. 09											
MAY 10											



SECTION OF TYPICAL EXISTING CONDITION



SECTION OF TYPICAL NEW BITUMINOUS COURSE

TRANSITION TO CONCRETE PAVEMENTS AND STRUCTURES TYPE 12										
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)
2	N/A	N/A	2	0	0	0	50	N/A	6 [1 SLAB]	6 [1 SLAB]
3	1	N/A	2	15	0	0	60	N/A	6 [1 SLAB]	6 [1 SLAB]
4	2	N/A	2	25	0	0	70	N/A	12 [2 SLABS]	6 [1 SLAB]
5	N/A	3	2	0	35	80	30	12 [2 SLABS]	6 [1 SLAB]	
6	N/A	4	2	0	45	90	35	12 [2 SLABS]	12 [2 SLABS]	
7	1	4	2	15	55	100	40	12 [2 SLABS]	12 [2 SLABS]	

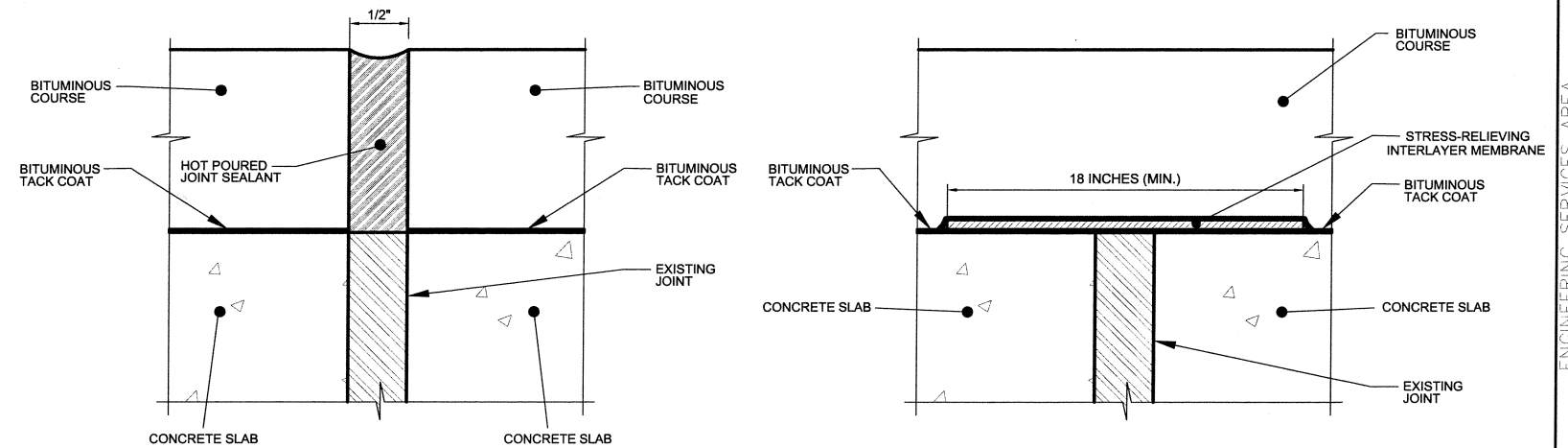
LEGEND:
TAC = THICKNESS OF ALL BITUMINOUS COURSES
LC = THICKNESS OF BITUMINOUS LEVELING COURSE
BC = THICKNESS OF BITUMINOUS BASE COURSE
SC = THICKNESS OF BITUMINOUS SURFACE COURSE
TLL = TRANSITION LENGTH OF BITUMINOUS LEVELING COURSE
TLB = TRANSITION LENGTH OF BITUMINOUS BASE COURSE
TLS = TRANSITION 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

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)

NOTES:

1. THE GENERAL NOTES, PROCEDURES AND DETAILS FOR TRANSITION TO CONCRETE PAVEMENTS AND STRUCTURES TYPE 12 ARE SHOWN ON SHEET MCPD-1.
2. THE PLACING SEQUENCE OF BITUMINOUS COURSES ARE SHOWN ON SHEET MCPD-17.
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:

ASSISTANT EXECUTIVE DIRECTOR
FOR INFRASTRUCTURE

MISCELLANEOUS CONCRETE
PAVEMENT DETAILS
DETAILS FOR TRANSITION TO CONCRETE
PAVEMENTS AND STRUCTURES TYPE 12

MCPD-16

MAY 2010

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