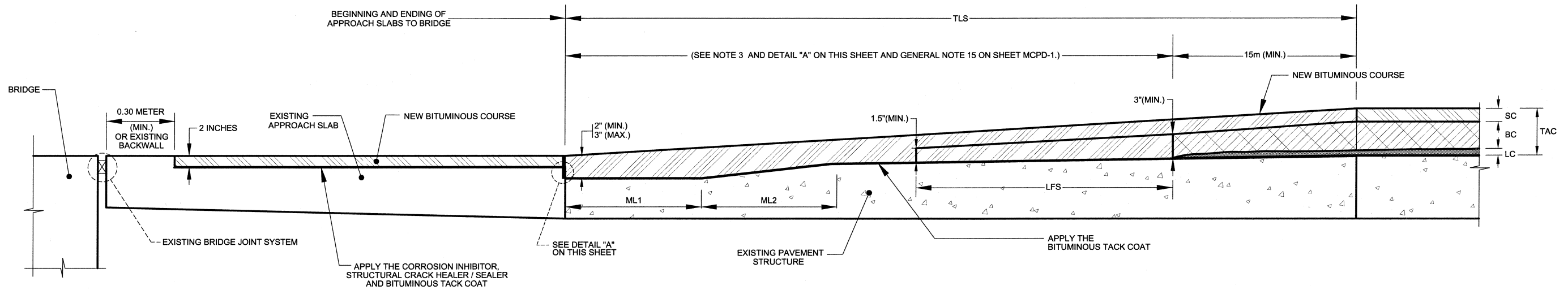


SECTION OF TYPICAL EXISTING CONDITION



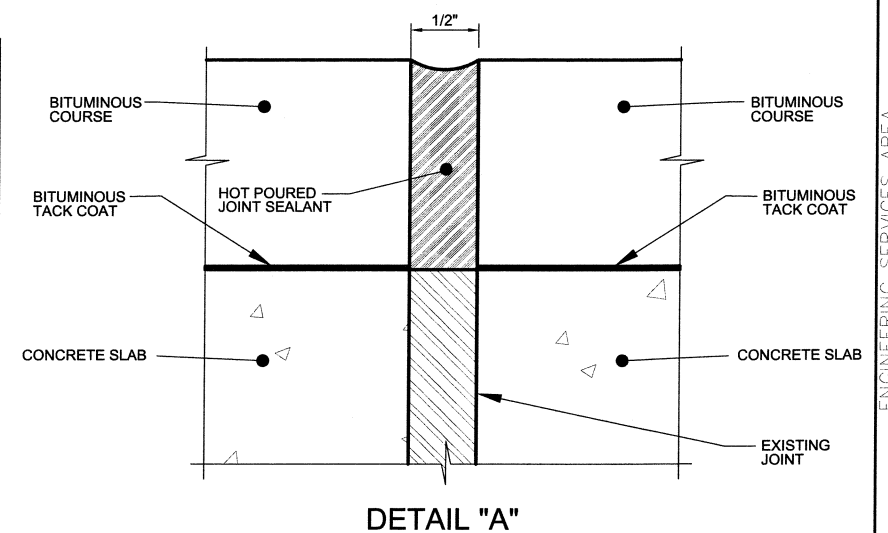
SECTION OF TYPICAL NEW BITUMINOUS COURSES

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 5									
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	0	0	45	N/A	6 [1 SLAB]	6 [1 SLAB]
3	1	N/A	2	15	0	55	N/A	6 [1 SLAB]	6 [1 SLAB]
4	2	N/A	2	25	0	65	N/A	12 [2 SLABS]	6 [1 SLAB]
5	N/A	3	2	0	35	75	30	12 [2 SLABS]	6 [1 SLAB]
6	N/A	4	2	0	45	85	35	12 [2 SLABS]	12 [2 SLABS]
7	1	4	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



DETAIL "A"

NOTES:

1. THE GENERAL NOTES, PROCEDURES AND DETAIL FOR TRANSITION TO CONCRETE PAVEMENTS AND STRUCTURES TYPE 5 ARE SHOWN ON SHEET MCPD-1.
2. THE PLACING SEQUENCE OF BITUMINOUS COURSES ARE SHOWN ON SHEET M CPD-8.
3. THE NEW BITUMINOUS SURFACE COURSE SHALL BE CUT TO MAKE TRANSVERSE JOINTS OVER EXISTING OR NEW CONCRETE PAVEMENT JOINTS. THE NEW BITUMINOUS PAVEMENT JOINTS SHALL BE SEALED WITH HOT POURED JOINT SEALANT.



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

STANDARD DRAWING APPROVED BY:

*(Signature)*  
30/22/10

ASSISTANT EXECUTIVE DIRECTOR  
FOR INFRASTRUCTURE

MISCELLANEOUS CONCRETE  
PAVEMENT DETAILS  
DETAILS FOR TRANSITION TO CONCRETE  
PAVEMENTS AND STRUCTURES TYPE 5

MCPD-07

MAY 2010