

BENCHMARKS

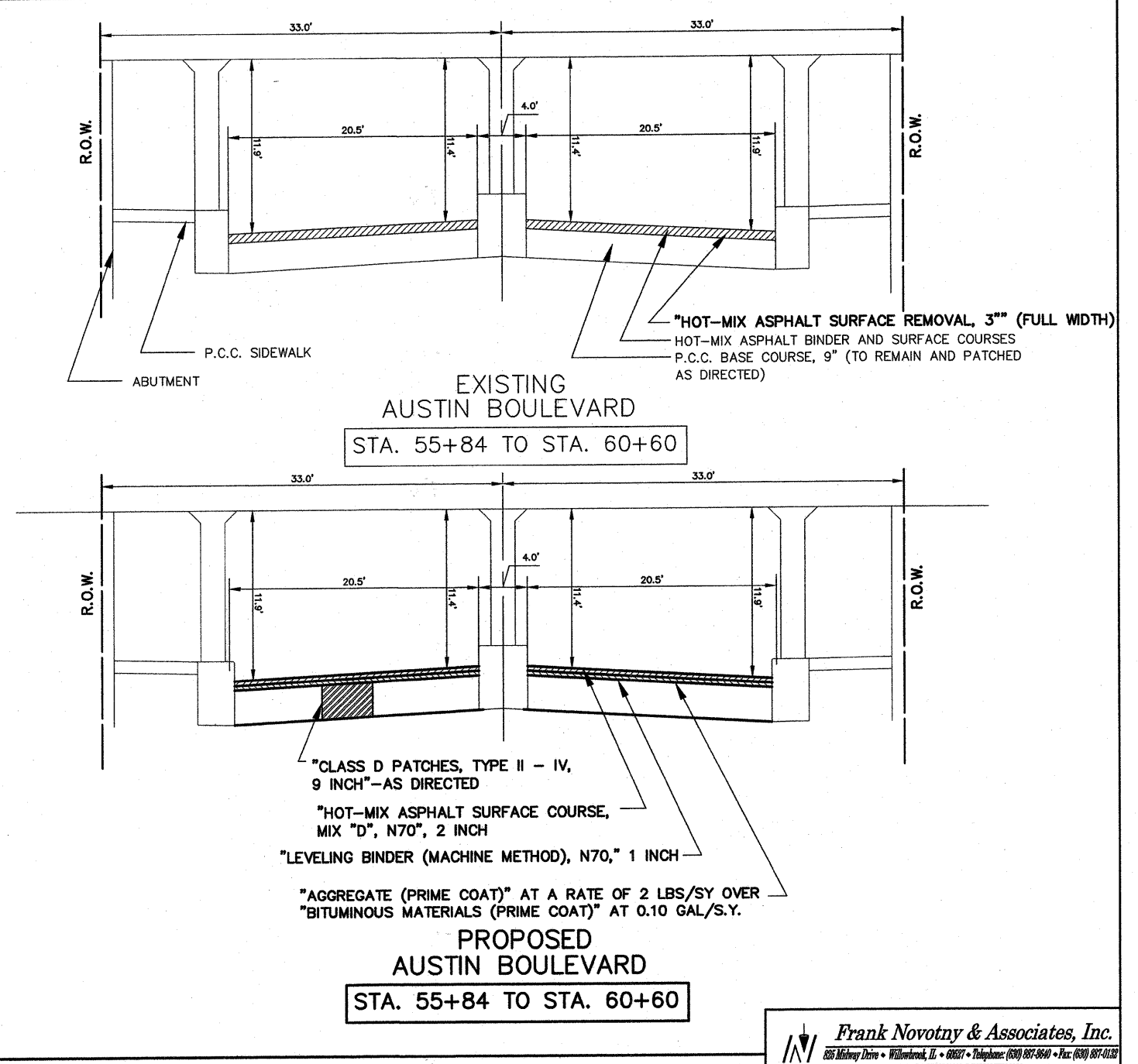
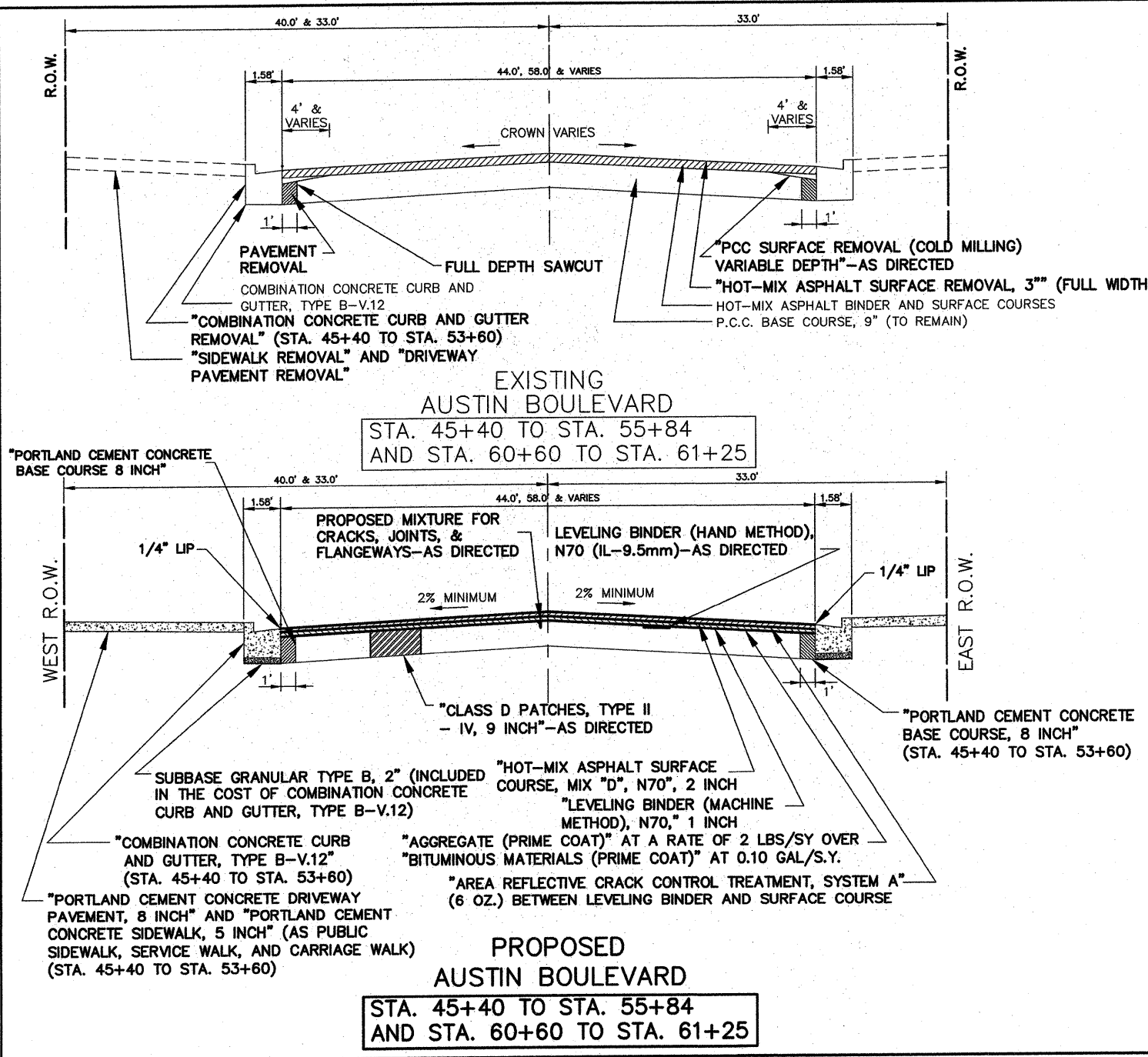
DESCRIPTION	ELEVATION
NNE BOLT ON F.H. AT 2822 S AUSTIN BOULEVARD	609.08
SW BOLT ON F.H. AT NW CORNER OF PARK AVENUE AND AUSTIN BOULEVARD	607.33

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	PERCENT AIR VOIDS
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" (IL-9.5mm)	4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70, 1" (IL-9.5mm)	4% @ 70 GYR
LEVELING BINDER (HAND METHOD), N70 (IL-9.5mm)	4% @ 70 GYR
PATCHING	
CLASS D PATCHES, TYPE II - IV, 9", (HMA BINDER IL-19.0mm)	4% @ 70 GYR
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0mm)	

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG70-22" AND NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
 FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZE PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



TYPICAL CROSS SECTIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS, BENCHMARKS, AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS

SCALE: 1"=6' SHEET NO. OF SHEETS STA. TO STA.

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 Civil Engineer
 Municipal Consultant
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 194-000828

F.A. -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2790	10-00212-00-RS	COOK	16	3
CONTRACT NO. 63464				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT ARA-9003(645)		

FILE NAME =	USER NAME =	DESIGNED - AMS	REVISED - AMS 3/09/10
		DRAWN - BAH	REVISED - AMS 3/23/10
		CHECKED - TPG	REVISED -
		DATE - 1/28/10	REVISED -
PLOT SCALE = 1"=6'			
PLOT DATE =			