

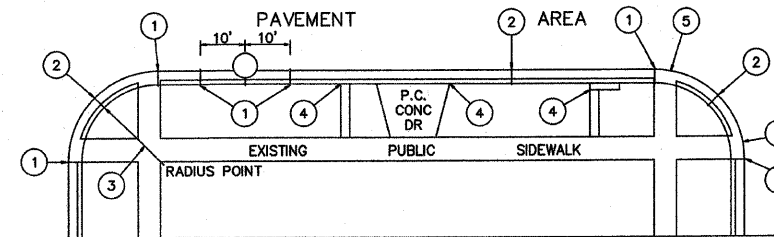
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	PERCENT AIR VOIDS
ROADWAY (26TH STREET)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" (IL-9.5mm)	PG 64-22	4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70, 1" (IL-9.5mm)	*PG 64-22	4% @ 70 GYR
ROADWAYS & PARKING LOTS (VILLAGE COMMONS COMPLEX)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1-1/2" (IL-9.5mm)	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"	*PG 64-22	4% @ 50 GYR
PATCHING		
CLASS D PATCHES, TYPE III-IV, 9", (HMA BINDER IL-19.0mm)	*PG 64-22	4% @ 70 GYR

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	06-00080-00-BT	COOK	16	3
F.H.W.A. REG.	ILLINOIS	PROJECT	HPP-3463(004)	

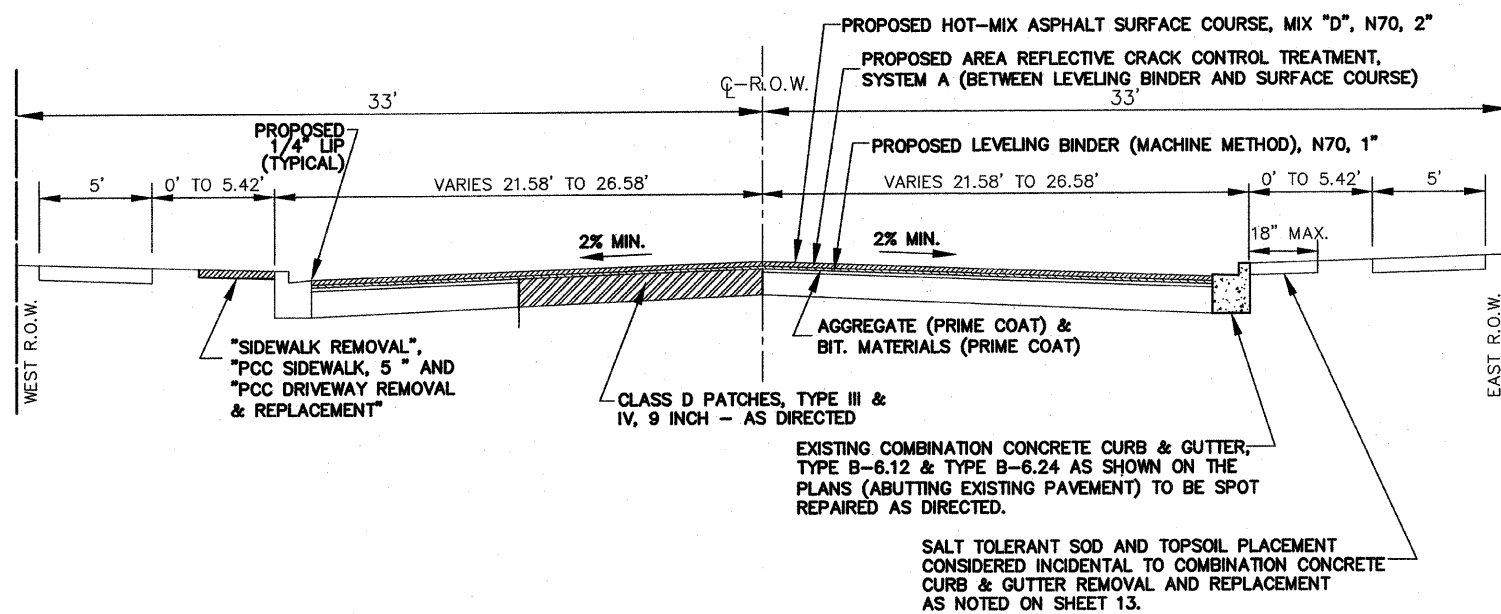
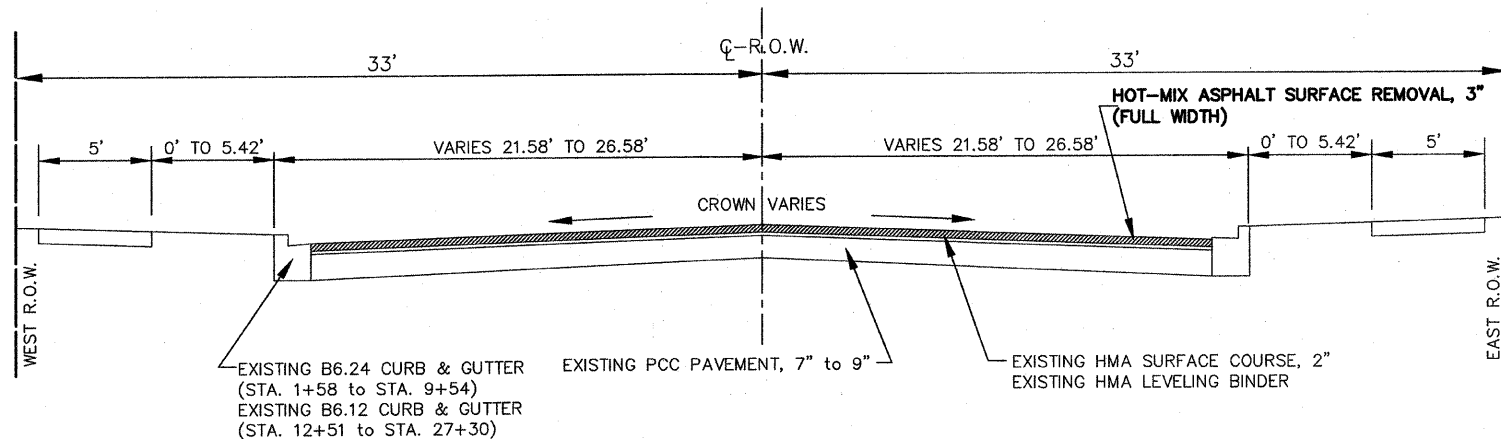
CONTRACT NO. 63220



JOINT DETAILS

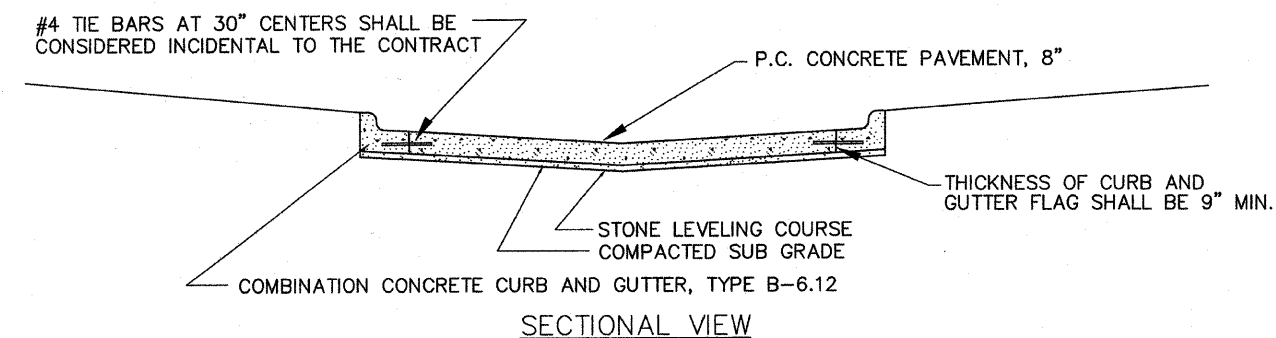
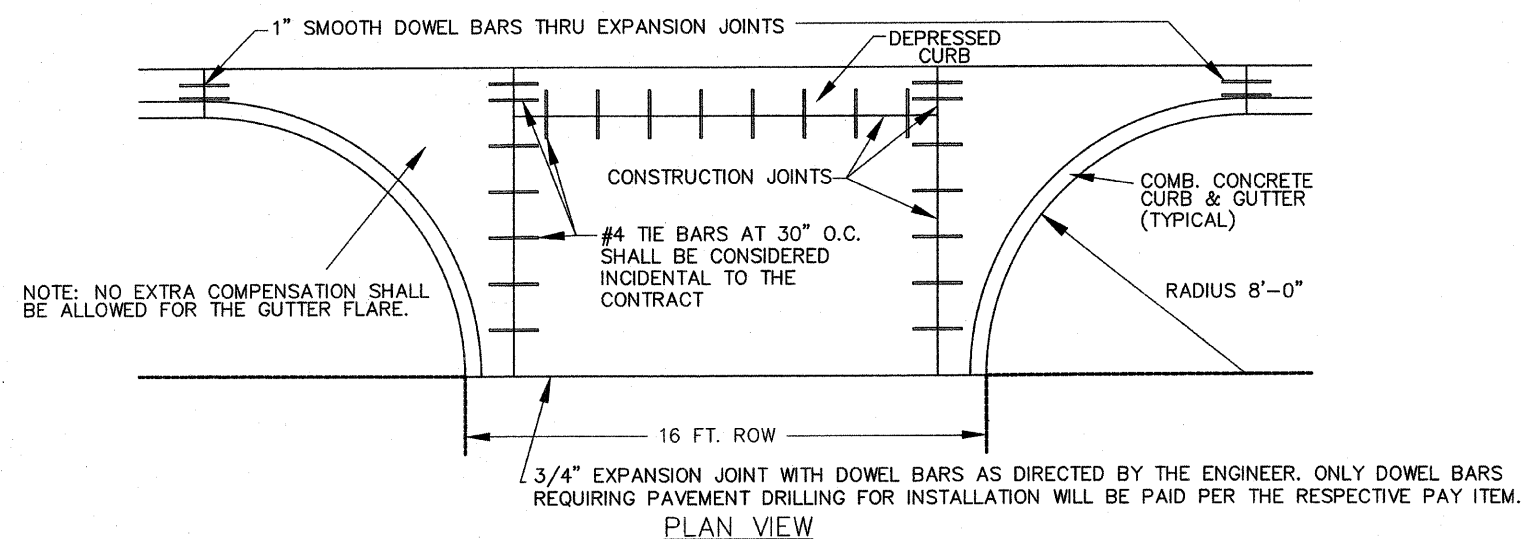
NOTES

- EXPANSION JOINTS AT TANGENT POINTS AND 150 FOOT INTERVALS, CONSISTING OF ONE INCH PREMOLDED JOINT FILLER MATERIAL WITH #8 DOWEL BARS, 18" IN LENGTH, GREASED, PROVIDE EXPANSION CAP ON ONE END. ALSO CONSTRUCT THIS JOINT TEN FEET EACH SIDE OF PROPOSED UNDERGROUND STRUCTURE.
- CONTRACTION JOINTS AT TWENTY-FIVE FOOT INTERVALS AND AT THE CENTER OF RETURNS.
- ALL RADII SHALL BE 25 FEET TO THE BACK OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- LONGITUDINAL EXPANSION JOINT CONSISTING OF ONE INCH PREMOLDED JOINT FILLER.
- DEPRESS CURB AT LOCATIONS WHERE PUBLIC WALKS INTERSECT CURB LINE AT STREET INTERSECTIONS, ALLEYS, AND OTHER LOCATIONS AS DIRECTED, FOR THE CONSTRUCTION OF RAMPED SIDEWALKS FOR ACCESS BY THE HANDICAPPED.



TYPICAL CROSS SECTIONS

SCALE: 1"=4'



TYPICAL ALLEY RETURN

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PROJECT **VILLAGE OF NORTH RIVERSIDE, ILLINOIS**
VILLAGE WIDE BIKE PATH - STAGE 1
26TH STREET RESURFACING (1ST AVENUE TO DES PLAINES AVENUE)
& VILLAGE COMMONS COMPLEX PARKING REHABILITATION
 M.F.T. SECTION NO. 06-00080-00-BT

REVISIONS				
NO.	BY	DATE	DESCRIPTION	
1	JEF	5-27-09	PER I.D.O.T. REVIEW	

TYPICAL CROSS SECTIONS
 HOT-MIX ASPHALT
 MIXTURE REQUIREMENTS
 JOINT DETAILS
 TYPICAL ALLEY RETURN DETAILS

PROJECT NO. 03049	SCALE 1"=4'	SHEET 3 OF 16 SHEETS
DRAWN/DESIGNED JEP/AMS	DATE APRIL, 2009	
CHECKED/APPROVED JFP/JEF	FIELD BOOK NO. FILE	