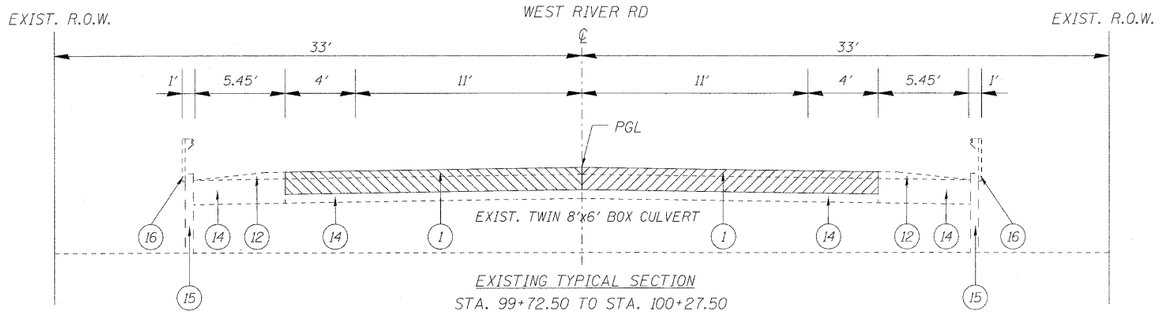
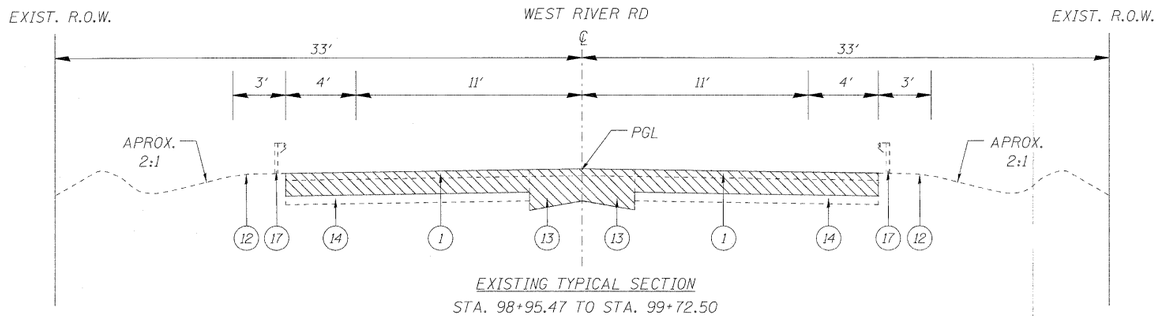
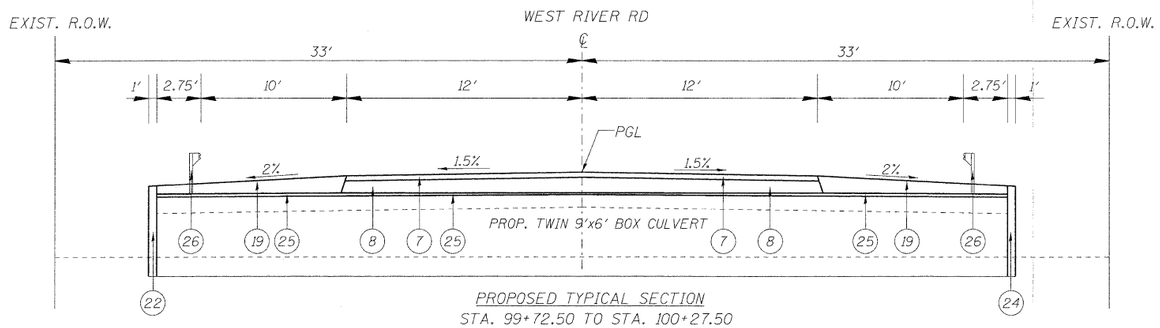


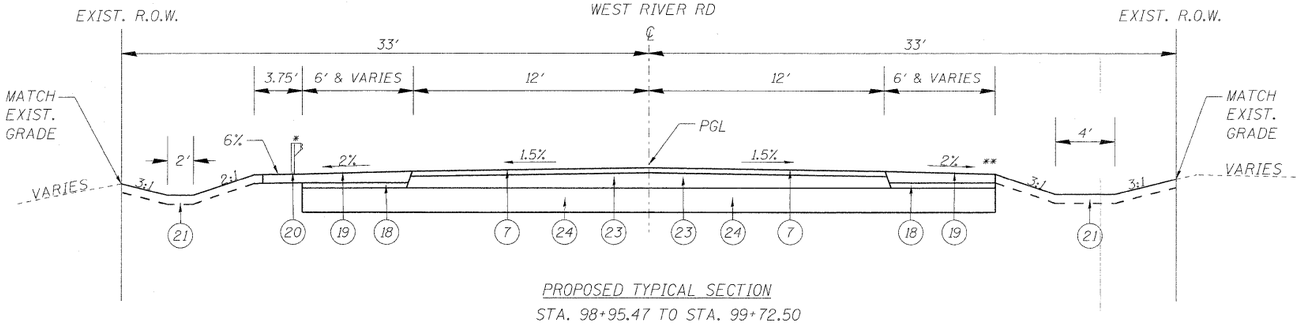
EXISTING TYPICAL SECTION
STA. 99+72.50 TO STA. 100+27.50



EXISTING TYPICAL SECTION
STA. 98+95.47 TO STA. 99+72.50
STA. 100+27.50 TO STA. 101+20



PROPOSED TYPICAL SECTION
STA. 99+72.50 TO STA. 100+27.50



PROPOSED TYPICAL SECTION
STA. 98+95.47 TO STA. 99+72.50
STA. 100+27.50 TO STA. 101+20

*SHOWING SECTION W/ GUARDRAIL
**SHOWING SECTION W/O GUARDRAIL

LEGEND

(1) PAVEMENT REMOVAL
(7) PROPOSED HMA SURFACE COURSE, MIX "C", N50, 2"
(8) PROPOSED HMA BINDER COURSE IL-19.0, N50, 11" (IN 2 LIFTS)
(12) EXISTING AGGREGATE SHOULDER, VARIABLE DEPTH TO BE REMOVED
(13) EXISTING PCC PAVEMENT, VARIABLE DEPTH TO BE REMOVED
(14) EXISTING STABILIZED BIT. BASE COURSE, VARIABLE DEPTH
(15) EXISTING HEADWALL TO BE REMOVED
(16) EXISTING STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURE TO BE REMOVED
(17) EXISTING STEEL PLATE BEAM GUARDRAIL TO BE REMOVED
(18) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE "C", 4.5"
(19) PROPOSED HMA SHOULDER, 6" (IN 2 LIFTS)
(20) PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A (6 FOOT POST)
(21) PROPOSED SWALE/DITCH
(22) PROPOSED HEADWALL (PAID FOR AS CONCRETE BOX CULVERTS)
(23) PROPOSED HMA BINDER COURSE IL-19.0, N50, 8.5" (IN 2 LIFTS)
(24) PROPOSED AGGREGATE SUBGRADE 12"
(25) PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 1"
(26) PROPOSED STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
OPERATION	MIXTURE TYPE	DESIGN AIR VOIDS
ROADWAY	HMA SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	4% @ 50 GYR
	HMA BINDER COURSE, IL-19.0, N50	4% @ 50 GYR
SHOULDER	HMA SHOULDER, 6" (HMA BINDER IL-19 mm)	2% @ 30 GYR
	LEVELING BINDER (MACHINE METHOD), N50 (IL-9.5 mm)	4% @ 50 GYR
DRIVEWAY	HMA SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	4% @ 50 GYR
	HMA BASE COURSE (HMA BINDER IL-19 mm)	4% @ 50 GYR

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SQ-YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70 -22" AND FOR 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.

EARTHWORK						
LOCATION		EARTH EXCAVATION CU YD	EMBANKMENT CU YD	ADJ. EXCAVATION 15% CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	FURNISHED EXCAVATION CU YD
STATION	STATION					
98+95.47	101+20	284	113	241	147	0

LONCO, INC.
CONSULTING ENGINEERS
1560 WALL ST, SUITE 222
NAPERVILLE, ILLINOIS 60563 PH: (630) 577-9100

DESIGNED - MJY		REVISED -
DRAWN - ST, TSC		REVISED -
CHECKED - MJY, DC		REVISED -
DATE - 11/23/2009		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
WEST RIVER ROAD OVER UN-NAMED TRIBUTARY TO KANKAKEE RIVER

SCALE: NONE | SHEET NO. 6 OF 17 SHEETS | STA. 98+95.47 TO STA. 101+20

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0327	112 T-1	WILL	17	6
	D-91-496-09	CONTRACT NO. 60G54		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			