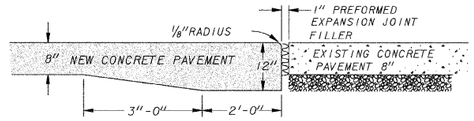
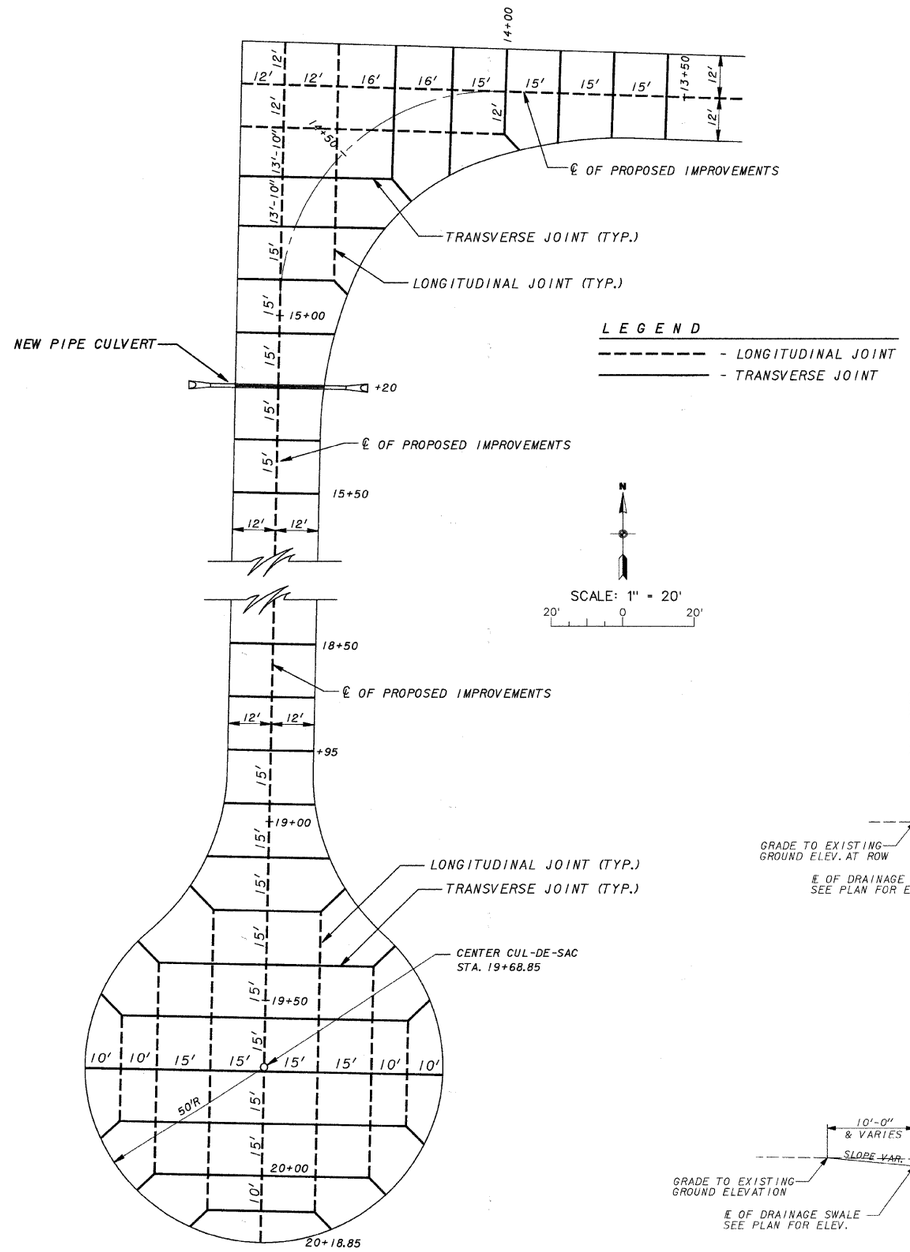
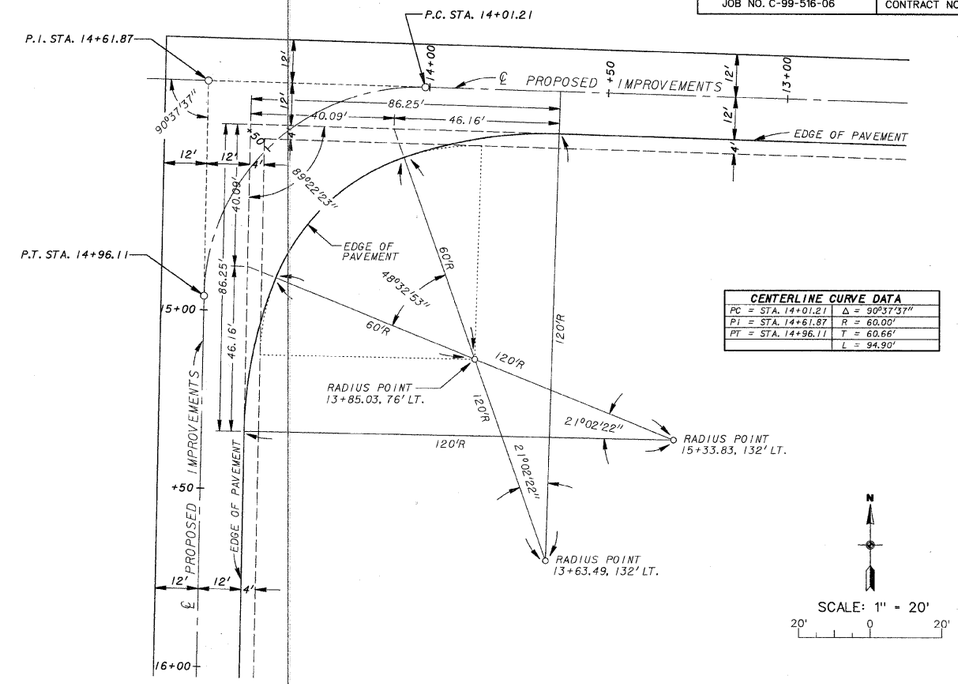
SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
05-0047-00-RP	PERRY	11	2
CITY OF DUQUOIN	PROJECT NO. HPP-1207(102)		
JOB NO. C-99-516-06	CONTRACT NO. 99273		



EXPANSION JOINT DETAIL - STA. 7+98.9
NOT TO SCALE

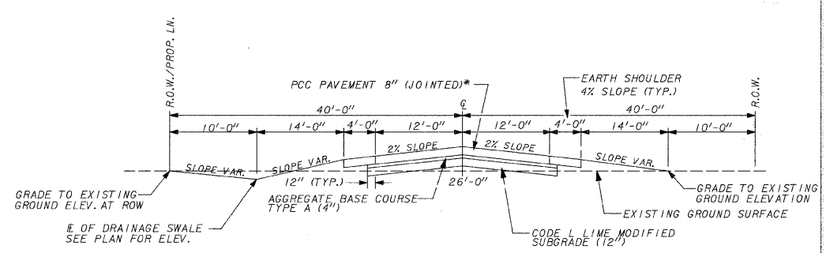


PAVEMENT JOINT DETAIL
SCALE 1" = 20'

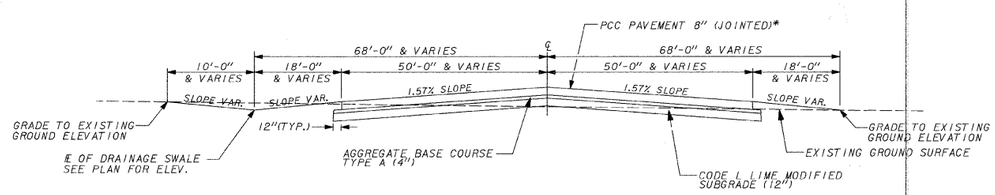


CENTERLINE CURVE DATA	
PC = STA. 14+01.21	Δ = 90°37'37"
PI = STA. 14+61.87	R = 60.00'
PT = STA. 14+96.11	T = 60.66'
	L = 94.90'

PAVEMENT LAYOUT DETAIL FROM STA. 13+63.48 TO STA. 15+33.83
SCALE 1" = 20'



PROPOSED TYPICAL ROADWAY SECTION
FROM STA. 8+25 TO STA. 18+75
*SEE HIGHWAY STANDARD 420001-07 FOR JOINT DETAILS
NOT TO SCALE



PROPOSED TYPICAL CUL-DE-SAC SECTION
FROM STA. 19+00 TO STA. 20+18.85
*SEE HIGHWAY STANDARD 420001-07 FOR JOINT DETAILS
NOT TO SCALE

SUMMARY OF QUANTITIES

PAY ITEM CODE NO.	DESCRIPTION	UNIT	CONST. TY. CODE QUANTITIES
X2500900	SEEDING, CLASS 1 (SPECIAL)	ACRE	1.90
20200100	EARTH EXCAVATION	CU. YD.	980
20400800	FURNISHED EXCAVATION	CU. YD.	800
20800150	TRENCH BACKFILL	CU. YD.	5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200
28000305	TEMPORARY DITCH CHECKS	FOOT	70
28000400	PERIMETER EROSION BARRIER	FOOT	750
28000500	INLET AND PROTECTION	EACH	1
30201500	LIME	TON	140
31000600	PROCESSING LIME STABILIZED SOIL MIXTURE 12"	SQ. YD.	4,400
35100100	AGGREGATE BASE COURSE, TYPE A	TON	1,050
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ. YD.	4,112
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	38
67100100	MOBILIZATION	L. SUM	1
72000100	SIGN PANEL - TYPE 1	SQ. FT.	12.5
72900200	METAL POST - TYPE B	FOOT	32

STRUCTURAL DESIGN DATA

DESIGN PERIOD = 20 YEAR

STRUCTURAL DESIGN TRAFFIC: YEAR 2021 - <50

PC= 30 SU= 10 MU= 10

ROAD/STREET CLASSIFICATION : CLASS IV

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE

P = 50 S = 50 M = 50

TRAFFIC FACTOR: TF = 0.14

MINIMUM SOIL SUPPORT: IBR- 2.8

REQUIRED PAVEMENT = 6" PCC PAVEMENT

DESIGN PAVEMENT = 8" (JOINTED)

SCALE AS SHOWN	INDUSTRIAL PARK DRIVE - PHASE III
DATE MARCH 2011	SUMMARY OF QUANTITIES, TYPICAL SECTIONS, PAVEMENT LAYOUT DETAIL FROM STA. 13+63.48 TO STA. 15+33.83, EXPANSION JOINT DETAIL- STA. 7+98.9, PAVEMENT JOINT DETAIL AND STRUCTURAL DESIGN DATA
DRAWN BY SDR	