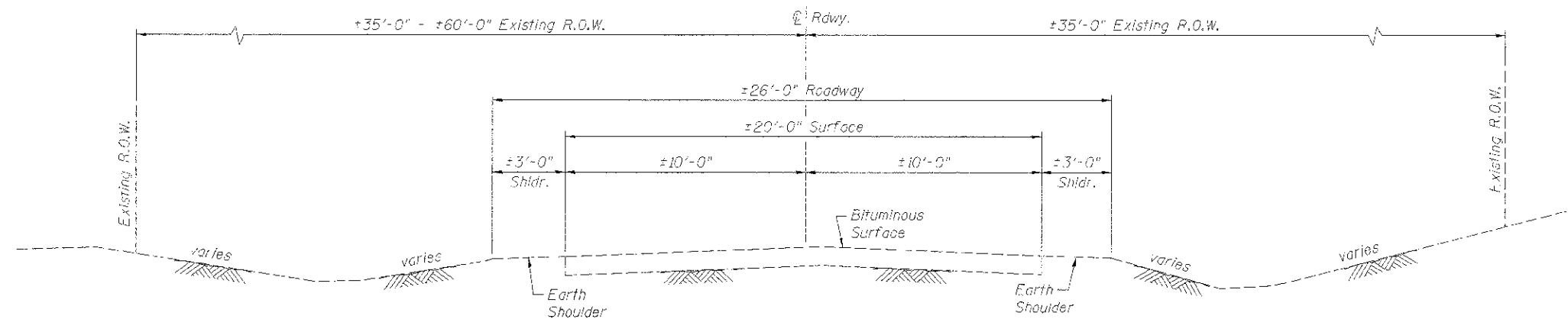
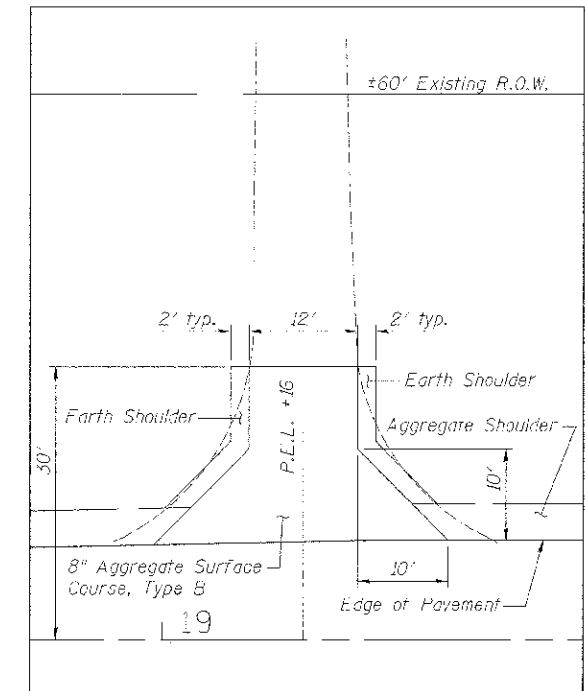


PROPOSED ROADWAY TYPICAL SECTION
(Sta. 18+90.00-19+55.50 & Sta. 20+44.50-21+20.00)



EXISTING ROADWAY TYPICAL SECTION



PRIVATE ENTRANCE DETAIL

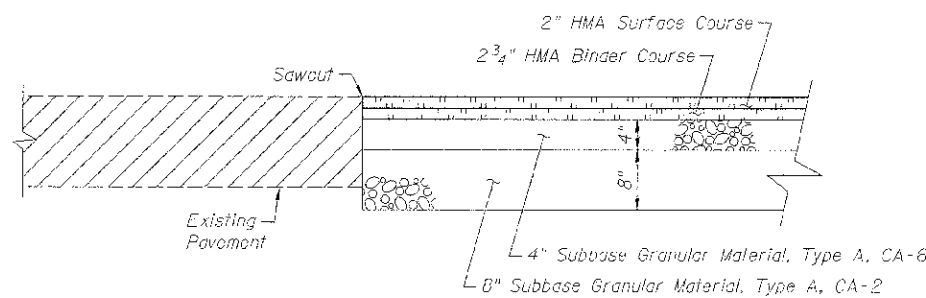
***PAVEMENT MIXTURE REQUIREMENTS**

	Surface	Binder
PG:	58-28	58-28
Design Air Voids	3.0 @ N30	3.0 @ N30
Mixture Composition (Gradation Mixture)	IL 9.5	IL 12.5
Friction Aggregate	C	-
Density Testing	Correlation	Correlation

*Mix Design shall be approved by Engineer prior to use.

T.R. 398 - HORIZONTAL CONTROL POINTS (NAD83-2007)

PT #	N	E	EL.	DESCRIPTION
100	1702073.31	2565815.22	500.39	5/8" I.P.
101	1702480.35	2565285.58	504.58	PK NAIL



TYPICAL CORE JOINT DETAIL
Stations 18+90 & 21+20

PAVEMENT STRUCTURAL DESIGN

T.R. 398
Structural Design Traffic (S.D.T.) = Year 2023
Class III Road
80,000# Truck Design
E_{sub} : 2 ksi (Poor Subgrade)
TF = 0.16
HMA Mix Temp. = 74.5° F
HMA E_{ac} = 595 ksi
HMA Design Strain = 250 microstrain

USE:
2" Hot-Mix Asphalt Surface Course, Mix "C", N30
2 3/4" Hot-Mix Asphalt Binder Course, IL-12.5, N30
12" Subbase Granular Material, Type A (4" CA-6 over 8" CA-2)

P.V.	513	} 583 ADT
S.U.	41	
M.U.	29	

FILE: S:\PROJECTS\2012\1189\012\Bureau\T0398\DESIGN\TRAP\dwg\1894012_1gencal.dwg



DESIGNED	TAN MI GUSEN	REVISED	-
CHECKED	BRAD KLEINWATER	REVISED	-
DRAWN	SON ALLEN	REVISED	-
CHECKED	BRAD KLEINWATER	REVISED	-

BUREAU COUNTY
T.R. 398 OVER SPRING CREEK
STATION 20 + 00

TYPICAL SECTIONS
STRUCTURE NO. 006-4143

TRP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
398	09-10-13-00-BR	BUREAU	19	4
WHA# 1304032		CONTRACT NO. 87551		
[ILLINOIS] FED. AID PROJECT 94CS-00110941				