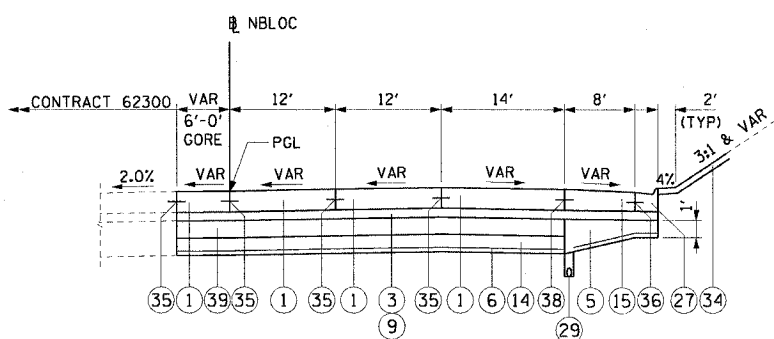


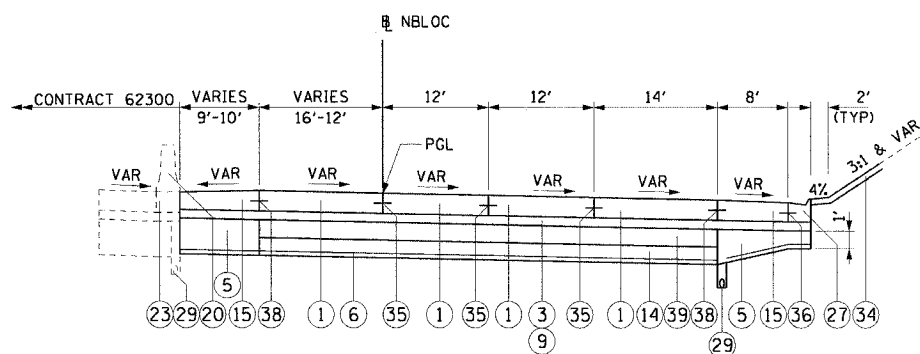
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	21
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		
62301		* (2021-922 PT2 ETC 2324.6-1P) R-10		



1 TYPICAL SECTION NB LOCAL LANES

STA 4520+63.93 TO STA 4522+81.63

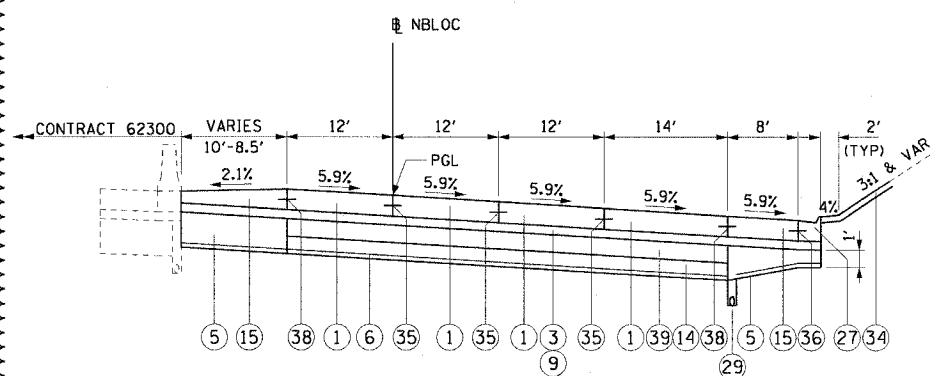
SUPERELEVATION TRANSITION: STA 4521+13.42 TO STA 4524+55.42



2 TYPICAL SECTION NB LOCAL LANES

STA 4522+81.63 TO STA 4524+55.42

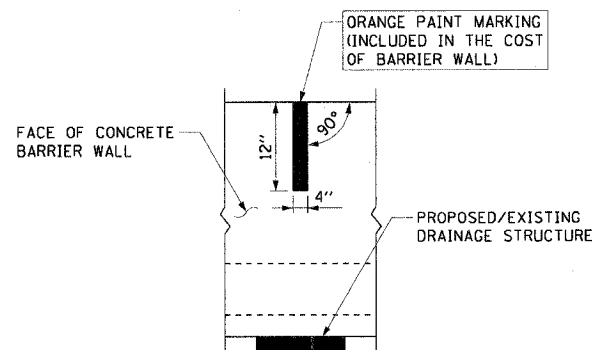
SUPERELEVATION TRANSITION: STA 4521+13.42 TO STA 4524+55.42



3 TYPICAL SECTION NB LOCAL LANES

STA 4524+55.42 TO STA 4529+00.00

FULL SUPERELEVATION: STA 4524+55.42 TO STA 4531+19.88 (5.9% RT)



CONCRETE BARRIER WALL MARKING AT DRAINAGE STRUCTURE

PLACE ON BARRIER WALL CONSTRUCTED ADJACENT TO ALL PROPOSED AND/OR EXISTING DRAINAGE STRUCTURES

STRUCTURAL PAVEMENT DESIGN FOR MAINLINE

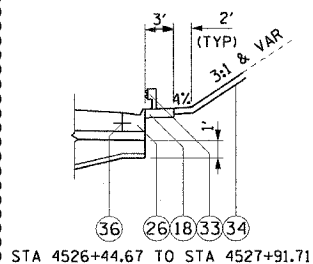
STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 125,272	SU= 10,930 MU= 31,949
ROAD/STREET CLASSIFICATION:	CLASS 1
PV= 8%	SU= 37% MU= 37%
TRAFFIC FACTOR:	ACTUAL TF= 264.46 AC TYPE= N/A
	MINIMUM TF= 12.39
AC GRADE:	BINDER= - SURFACE= -
SUBGRADE SUPPORT RATING:	
SSR= 2.00	(STA. to STA.)
SSR= 2.00	(STA. to STA.)

PROPOSED LEGEND:

- 1 CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- 3 BITUMINOUS STABILIZED SUB-BASE, 4 1/2"
- 5 SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- 6 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 9 BITUMINOUS MATERIALS (PRIME COAT)
- 14 EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL
- 15 PORTLAND CEMENT CONCRETE SHOULDERS 14" & VARIES
- 18 CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- 20 CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- 21 CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- 23 BARRIER BASE
- 24 BARRIER WALL MARKERS, TYPE C (80" C-C)
- 26 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- 27 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- 28 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- 29 PIPE UNDERDRAINS 6"
- 33 GUARDRAIL
- 34 TOPSOIL FURNISH AND PLACE / SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- 35 LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF CONTINUOUSLY REINFORCED PCC PAVEMENT 14")
- 36 LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB CONC CURB AND GUTTER TYPE)
- 38 LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE PCC SHOULDER TYPE)
- 39 SUB-BASE GRANULAR MATERIAL, TYPE B 12"

NOTES:

1. SEE ROADWAY DETAILS FOR VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR THE TYING OF THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
2. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
3. TYPICAL SECTIONS NEED TO BE VERIFIED WITH THE ROADWAY PLANS AS THEY ARE A REPRESENTATION OF THE PLANS. THEY DO NOT SHOW ALL CONFIGURATIONS, JUST THE MOST PREDOMINANT.
4. THE SLOPE OF THE STABILIZED SUB-BASE 4 1/2" UNDER THE SHOULDERS AND CURB & GUTTER SHALL MATCH THE SLOPE OF THE ADJACENT PAVEMENT IN THE NORMAL CROWNED AREAS.



REVISIONS	
NAME	DATE
ADDENDUM 1	7/27/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

PROPOSED TYPICAL SECTIONS NORTHBOUND LOCAL LANES

SCALE: H:1"=10' V:1"=5'
DATE: June 9, 2006
DRAWN BY: NJH
CHECKED BY: RMG