F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	7HBR-1&7VBR	WHITESIDE	146	21
STA. 51+00.00	TO STA. 63+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT #84883				

PLAN — SURVEYED / PLOTTED / DRAWN / CHECKED / ALIGNMENT OK / R.O.W. CHECKED / S.M. NOTED / STRUCTURE NOTATNS CKD / NOTE BOOK / NO. / BY / DATE

PROPOSED SPBGR PER STD. 630001
PROPOSED P.C.C. CONNECTOR
BEGIN 45:1 TAPER STA. 52+79.26 12.00 LT.
PROP. STABILIZATION AT STEEL PLATE BEAM GUARDRAIL PER STD. 630201
PROP. TRAFFIC BARRIER TERMINAL TYPE 6 PER STD. 631031
PROPOSED BRIDGE APPROACH PAVEMENT PER STD. 420401
PROP. TRAFFIC BARRIER TERMINAL TYPE 6 PER STD. 631031
PROP. STABILIZATION AT STEEL PLATE BEAM GUARDRAIL PER STD. 630201
PROPOSED 8' P.C.C. SHOULDER
END 20:1 TAPER STA. 56+07.07, 20.84 LT.
END 45:1 TAPER BEGIN 20:1 TAPER STA. 55+76.08, 18.60 LT.
PROP. 9.5" CRC P.C.C. PAVEMENT
PROP. 9.5" P.C.C. PAVEMENT, JOINTED
PROPOSED TYPE 1 (SPECIAL) FLARED TRAFFIC BARRIER TERMINAL PER STD. 630301
END 8' PCC SHOULDER BEGIN 4' BIT SHOULDER & 4' AGG. SHOULDER STA. 55+00.00
BEGIN 4' PCC SHOULDER STA. 53+53.08
END TAPER STA. 54+56.51 25.33' RT.
PROPOSED TYPE 1 (SPECIAL) TANGENT TRAFFIC BARRIER TERMINAL PER STD. 630301
END 8' PCC SHOULDER BEGIN TRANSITION STA. 53+08.99
BEGIN TAPER STA. 53+08.99 12.00' RT.
PROPOSED SPBGR PER STD. 630001
END CONSTRUCTION STA. 201+63.16
PROP. 4' AGG. SHOULDER
END 4' BIT. SHOULDER STA. 201+13.39
END AGG. SHOULDER STA. 56+31.18
CORRUGATED MEDIAN
END 4' PCC SHLDR. BEGIN 4' BIT. SHLDR. STA. 55+00.00
P.C.C. ISLAND W/ COMB. CONC. CURB AND GUTTER (M-6.06 ALONG RAMPS) (M-6.24 ALONG US 30)
PROPOSED 4' BIT. SHOULDER
END CONSTRUCTION STA. 302+00.00
12" P.C.C. BASE COURSE
¾" BITUMINOUS CONCRETE LEVELING BINDER (MACHINE METHOD) SUPERPAVE N 70
1½" BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX D, N 70
PROPOSED 4' BIT. SHOULDER
N. RAMP
Sta. 57+31.83 US 30
= Sta. 200+00.00 N. Ramp
= Sta. 300+00.00 S. Ramp
PCC MEDIAN W/ SM 6.06 CURB AND GUTTER PER STD. 606301 TAPER ENDS OF MEDIAN
S. RAMP
PC-Sta 301+06.08
BEGIN 4' BIT. SHOULDER STA. 301+50.00
PROPOSED 4' AGG. SHOULDER
12" P.C.C. BASE COURSE
¾" BITUMINOUS CONCRETE LEVELING BINDER (MACHINE METHOD) SUPERPAVE N 70
1½" BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX D, N 70
BEGIN TAPER STA. 59+73.70 25.63 LT.
END TAPER STA. 60+93.91 11.29 LT.
APPROX. R.O.W. LINE
BIKEPATH
BEGIN 3' BIT. SHOULDER & 5' AGG. SHOULDER STA. 61+01.28
END 4' BIT. SHOULDER BEGIN 3' BIT. SHOULDER & 5' AGG. SHOULDER STA. 59+07.41 RT.
END TAPER STA. 59+07.43, 18.18' RT.
BEGIN TAPER STA. 58+42.86, 21.52' RT.
RUMBLE STRIP
¾" BITUMINOUS CONCRETE LEVELING BINDER (MACHINE METHOD), SUPERPAVE N 70
1½" BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX D, N70
CORRUGATED MEDIAN
APPROX. R.O.W. LINE
MATCHLINE STA. 51+00.00
MATCHLINE STA. 63+00.00
55+00
60+00
US 30
N
SCALE 0 25' 50' 100'

PROFILE — SURVEYED / PLOTTED / DRAWN / CHECKED / S.M. NOTED / STRUCTURE NOTATNS CKD / NOTE BOOK / NO. / BY / DATE

VPI =52+15
ELEV=613.56
L =135'
E =-0.14'
-1.76%
-2.57%
VPI =54+00
ELEV=608.80
L =135'
E =+0.04'
-2.57%
-2.31%
STA. 55+00.00
ELEV. 606.49
SEE NEXT SHEET FOR EARTHWORK
EXISTING US 30 PROFILE
+49.71
+49.71
+49.71
+00.00
S.N. 098-6000
P.C.C. CONNECTOR
9.5" P.C.C. JOINTED PAV'T
1½" BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX D, N 70
¾" BITUMINOUS CONCRETE LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N 70
9.5" CRC P.C.C. PAVEMENT
BRIDGE APPROACH PAVEMENT PER STD. 420401
S.N. 098-6000
FOUR SPAN CONTINUOUS NON-COMPOSITE WF SUPER-STRUCTURE SUPPORTED ON SPILL THROUGH PILE BENT ABUTMENTS AND DUAL COLUMN PIERS.

EARTH EXCAVATION =	464 CY
ADJUSTED EXCAVATION =	348 CY
EMBANKMENT =	2878 CY
BALANCE (+ WASTE,-NEED) =	-2530 CY

NORTH RAMP

EARTH EXCAVATION =	820 CY
ADJUSTED EXCAVATION =	615 CY
EMBANKMENT =	422 CY
BALANCE (+ WASTE,-NEED) =	193 CY

SOUTH RAMP

EARTH EXCAVATION =	821 CY
ADJUSTED EXCAVATION =	616 CY
EMBANKMENT =	292 CY
BALANCE (+ WASTE,-NEED) =	324 CY

620 615 610 605 600 595 590 585 580

615.59 615.15 614.26 614.71 614.24 613.20 613.74 613.20 612.10 612.63 612.01 610.98 611.37 610.73 609.79 610.09 609.46 608.59 608.84 608.24 607.41 607.65 607.07 606.29 606.49 605.11 603.89 602.64 601.45 600.27 599.05 597.94 597.00 596.20 595.59 595.13 594.78 594.60 594.44 594.30 594.19

51+00 52+00 53+00 54+00 55+00 56+00 57+00 58+00 59+00 60+00 61+00 62+00 63+00

MATCHLINE STA. 51+00.00
MATCHLINE STA. 63+00.00