F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	29R-T	McHENRY	88	15
STA. 0+800		TO STA. 1+026.98		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
JOB D-91-190-01		CONTRACT NO. 62202		

FINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

ORIGINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

BITUMINOUS SURFACE REMOVAL, 63 mm
STA. 0+881.40 TO STA. 0+925.00

SIDEWALK REMOVAL
REMOVE EXIST. P.C.C. SIDEWALK
STA. 0+875.33 TO STA. 0+982.78

℄ OF US RTE. 14 AND P.G.L.

CURB & GUTTER REMOVAL
REMOVE EXIST. CURB & GUTTER
STA. 0+881.40 TO STA. 1+026.98

BITUMINOUS SURFACE REMOVAL, 63 mm
STA. 1+000.00 TO STA. 1+026.98

CONCRETE REMOVAL
REMOVE EXIST. RETAINING
WALL (PARTIAL)
SEE STRUCTURE PLANS

IMPROVEMENT ENDS
STA. 1+026.98

MATCH LINE STA. 0+800

MACOMB ST.

EXIST. R.O.W.

BRINK ST.

POT STA 1+034.385

POT STA 1+050.499

US ROUTE 14

POT STA 1+150.013

S. PARK AVE.

IL. RTE. 173

BACK OF ABUTMENT
STA. 0+875.33
APPROACH SLAB REMOVAL

APPR. SLAB

PARK ST.

RANDALL ST.

+881.40

+925.00

MOKELER CREEK

+919.48

+982.58

1+000.00

PAVEMENT REMOVAL
STA. 0+925 TO
STA. 1+000.00

APPROX. WETLAND AREA

16.60 m

CONCRETE REMOVAL
REMOVE EXIST. RETAINING
WALL (PARTIAL)
SEE STRUCTURE PLANS

SIDEWALK REMOVAL
REMOVE EXIST. P.C.C. SIDEWALK
STA. 0+875.33 TO STA. 0+982.78

EXISTING

IMPROVEMENT ENDS
STA. 1+026.98
MEET EXISTING

NOTE:

1. PROFILE GRADE LINE (PGL) REPRESENTS ℄ US RTE. 14 WITHIN PROJECT IMPROVEMENT LIMITS AND IT ALSO INDICATES TOP OF PAVEMENT SURFACE.
2. SEE STRUCTURE PLANS FOR RETAINING WALL GEOMETRY LAYOUT.
3. FOR EXIST. & PROP. R.O.W. AND TEMP. EASEMENT LIMITS, SEE PLAT OF HIGHWAYS SHEET.

**APPROACH SLABS WILL BE CONSTRUCTED IN ACCORDANCE WITH STD. 420401 WITH THE EXCEPTION OF LONGITUDINAL BONDED CONSTRUCTION JOINT AS SHOWN ON THIS PLAN WITH MINIMUM BAR LAP FOR TRANSVERSE BARS AS FOLLOWS:
MIN. LAP (APPROACH SLAB)
#13 - 440 mm
#16 - 550 mm

℄ OF US RTE. 14 AND P.G.L.

BRIDGE APPROACH
SLAB STD. 420401-5

PROP. SOUTHEAST RETAINING WALL
SEE STRUCTURE PLANS

PROP. COMB. CONC. CURB AND
GUTTER, TYPE B-15.60
STA. 0+881.40 TO STA. 0+986.00 AND
STA. 0+994.60 TO STA. 1+026.98

PROP. PORTLAND CEMENT CONCRETE
SIDEWALK, 125 mm
STA. 0+982.78 TO STA. 1+026.98

PROP. COMB. CONC.
CURB & GUTTER, TYPE M-5.60
STA. 0+986.00 TO STA. 0+994.60

PROP. R.C.C. SIDEWALK
SEE STRUCTURE PLANS

BACK OF ABUTMENT
STA. 0+875.33

+948.66

+964.46

+998.07

+021.95, TAPER ENDS

R=10.51m

8.71 m LT

R=20 m

12.62 m RT

+017.50

+941.50
TAPER
ENDS

+980.70
TAPER
BEGINS

LONGITUDINAL
BONDED
CONSTRUCTION
JOINT**

RANDALL ST.

STA. 0+885.32
TAPER BEGINS

PARK ST.

BRIDGE APPROACH PAVEMENT
CONNECTOR (P.C.C.)

PROP. SOUTHWEST RETAINING WALL
SEE STRUCTURE PLANS

PROP. TEMP. EASEMENT
SEE PLAT OF HIGHWAYS SHEETS

PROP. R.C.C. SIDEWALK
SEE STRUCTURE PLANS

PROP. COMB. CONC. CURB AND
GUTTER, TYPE B-15.60
STA. 0+881.40 TO STA. 0+986.79 AND
1+001.62 TO STA. 1+026.98

MOKELER CREEK

PROP. COMB. CONC.
CURB & GUTTER, TYPE M-5.60
STA. 0+986.79 TO STA. 1+001.62

PROP. PORTLAND CEMENT CONCRETE
SIDEWALK, 125 mm
STA. 0+982.78 TO STA. 1+026.98

IMPACT ATTENUATORS
FULLY REDIRECTIVE, NARROW),
TEST LEVEL 2
± 3.56 m LONG AND 0.61 m WIDE

PROPOSED

(A) PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 19 mm TO 25 mm
PROP. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 38 mm
STA. 0+881.40 TO STA. 0+925.00

(B) PROP. SUB-BASE GRANULAR MATERIAL TYPE B, 100 mm
PROP. P.C.C BASE COURSE, 245 mm
PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 19 mm TO 25 mm
PROP. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 38 mm
STA. 0+925.00 TO STA. 1+000.00

(C) PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 19 mm TO 25 mm
PROP. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 38 mm
STA. 1+000.00 TO STA. 1+026.98

290.0

287.5

285.0

282.5

BUTT JOINT ENDS
STA. 0+882.75

EXIST. ℄ PROFILE (U.S. RTE. 14)

BUTT JOINT BEGINS
STA. 0+881.40

PROPOSED ℄ PROFILE (U.S. RTE. 14)

-4.68%

VPI STA. 0+900.000
ELEV. 287.331

25.000 m V.C.

VPI STA. 0+925.000
ELEV. 286.114

VPC STA. 0+931.00
ELEV. 285.822

VPI STA. 0+943.500
ELEV. 285.215

-4.86%

VPI STA. 0+955.00
ELEV. 285.058

-3.01%

VPI STA. 0+965.000
ELEV. 284.567

28.000 m V.C.

VPC STA. 0+972.00
ELEV. 284.338

-3.01%

VPI STA. 0+986.000
ELEV. 283.880

-3.27%

VPI STA. 1+000.00
ELEV. 283.749

-0.93%

VPI STA. 1+010.000
ELEV. 283.656

-0.93%

BUTT JOINT
BEGINS STA. 1+025.63

VPC STA. 1+025.00
ELEV. 283.514

0.95%

BUTT JOINT
ENDS STA. 1+026.98

EXIST. ELEV.
℄ U.S. 14

PROP. ELEV.
℄ U.S. 14

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