CONTRACT NO. 62882

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	17

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
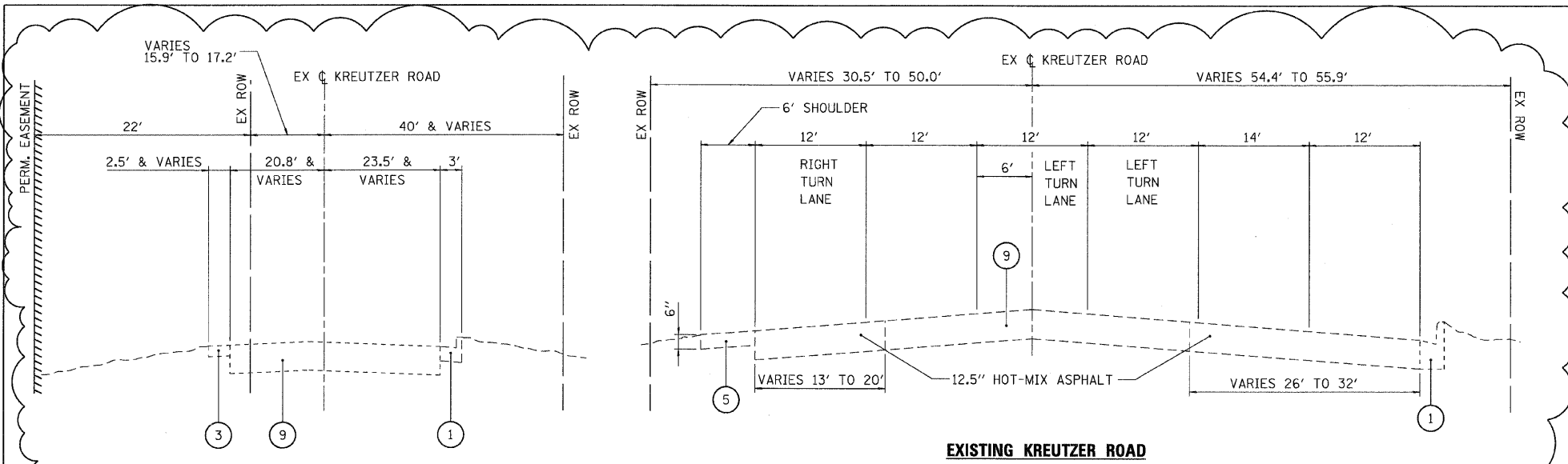
STA. 9+35.22 TO STA.142+08.53

• (105X & 106) WRS-2

EXISTING KREUTZER ROAD
STA 329+29.19 TO STA 332+01.40

VARIES 15.9' TO 17.2'
EX ℄ KREUTZER ROAD
PERM. EASEMENT
EX ROW
22'
40' & VARIES
EX ROW
2.5' & VARIES
20.8' & VARIES
23.5' & VARIES
3'
③ ⑨ ①

EXISTING KREUTZER ROAD
STA 199+94.60 TO STA 204+21.43

EX ℄ KREUTZER ROAD
VARIES 30.5' TO 50.0'
VARIES 54.4' TO 55.9'
EX ROW
6' SHOULDER
12' 12' 12' 12' 14' 12'
RIGHT TURN LANE
6'
LEFT TURN LANE
LEFT TURN LANE
⑨
6'
12.5" HOT-MIX ASPHALT
VARIES 13' TO 20'
VARIES 26' TO 32'
⑤ ①
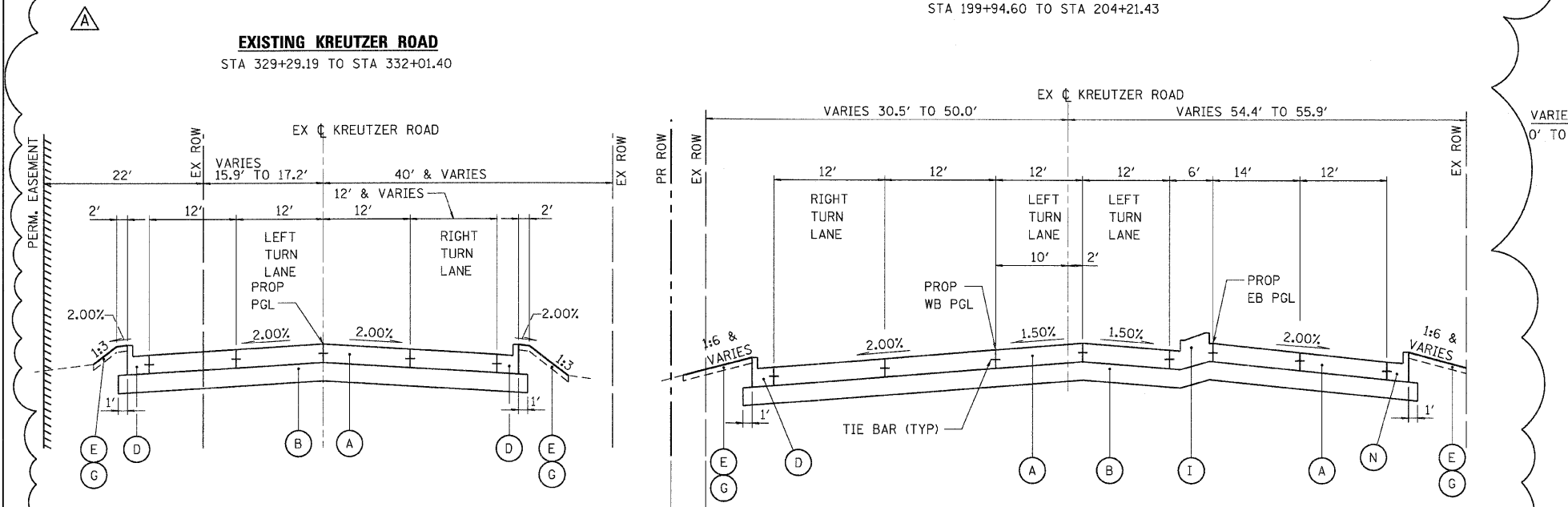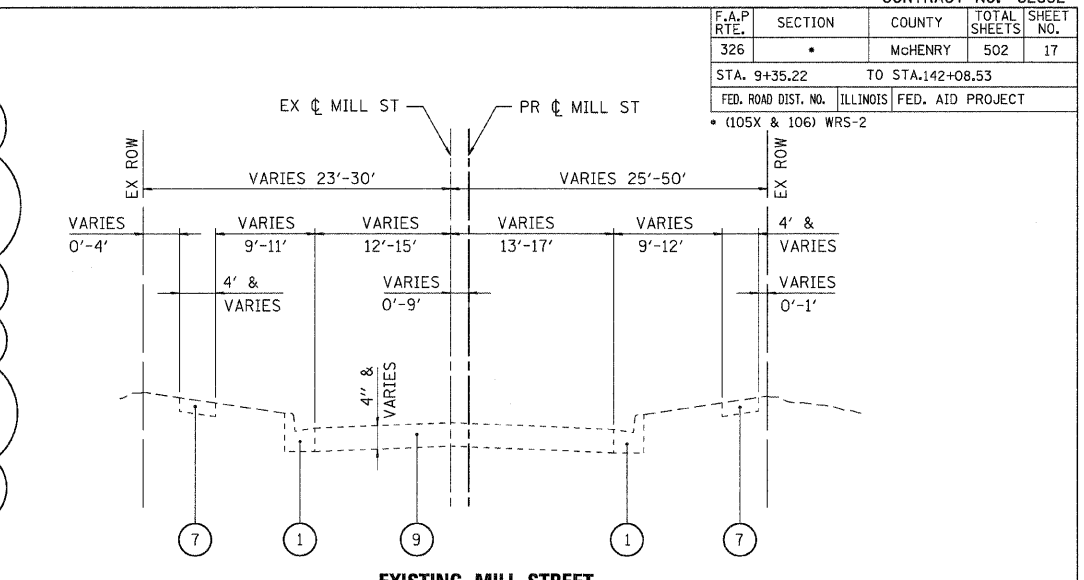
EXISTING MILL STREET
STA 394+11.69 TO STA 405+33.40

EX ℄ MILL ST
PR ℄ MILL ST
EX ROW
VARIES 23'-30'
VARIES 25'-50'
EX ROW
VARIES 0'-4'
VARIES 9'-11'
VARIES 12'-15'
VARIES 13'-17'
VARIES 9'-12'
4' & VARIES
4' & VARIES
VARIES 0'-9'
VARIES 0'-1'
4" & VARIES
⑦ ① ⑨ ① ⑦

PROPOSED KREUTZER ROAD
STA 329+29.19 TO STA 332+01.40

EX ℄ KREUTZER ROAD
VARIES 15.9' TO 17.2'
PERM. EASEMENT
EX ROW
22'
40' & VARIES
PR ROW
12' & VARIES
2' 12' 12' 2'
LEFT TURN LANE PROP PGL
RIGHT TURN LANE
2.00%
2.00%
2.00%
-2.00%
1:3
1:3
1' 1'
Ⓔ Ⓓ Ⓑ Ⓐ Ⓓ Ⓔ
Ⓖ Ⓖ
VARIES 0' TO 24.2'

PROPOSED KREUTZER ROAD
STA 199+94.60 TO STA 204+21.43

EX ℄ KREUTZER ROAD
VARIES 30.5' TO 50.0'
VARIES 54.4' TO 55.9'
PR ROW
EX ROW
EX ROW
12' 12' 12' 12' 6' 14' 12'
RIGHT TURN LANE
LEFT TURN LANE
LEFT TURN LANE
10' 2'
PROP WB PGL
PROP EB PGL
1:6 & VARIES
2.00%
1.50%
1.50%
2.00%
1:6 & VARIES
1' TIE BAR (TYP) 1'
Ⓔ Ⓓ Ⓐ Ⓑ Ⓘ Ⓐ Ⓝ Ⓔ
Ⓖ Ⓖ

PROPOSED MILL STREET
STA 394+11.69 TO STA 401+66.30
STA 405+18.75 TO STA 405+33.40
✱✱STA 398+66.82 TO STA 401+47.15
✱ SIDEWALK OMISSION:
STA 394+11.69 TO STA 399+31.23

PR ℄ MILL STREET
PR ROW
EX ROW
EX ROW
VARIES 23.3'-27.8'
VARIES 26.1'-38.2'
VARIES 0' TO 14.4'
7'
VARIES 14.4'-18'
VARIES 14.4'-18'
VARIES 7.3'-12.1'
3' & VARIES
PROP PGL
2.00%
2.00%
2.00%
2.00%
1'
1'
Ⓔ Ⓓ Ⓚ Ⓑ Ⓐ✱✱ Ⓓ Ⓔ Ⓙ✱
Ⓖ Ⓙ Ⓖ
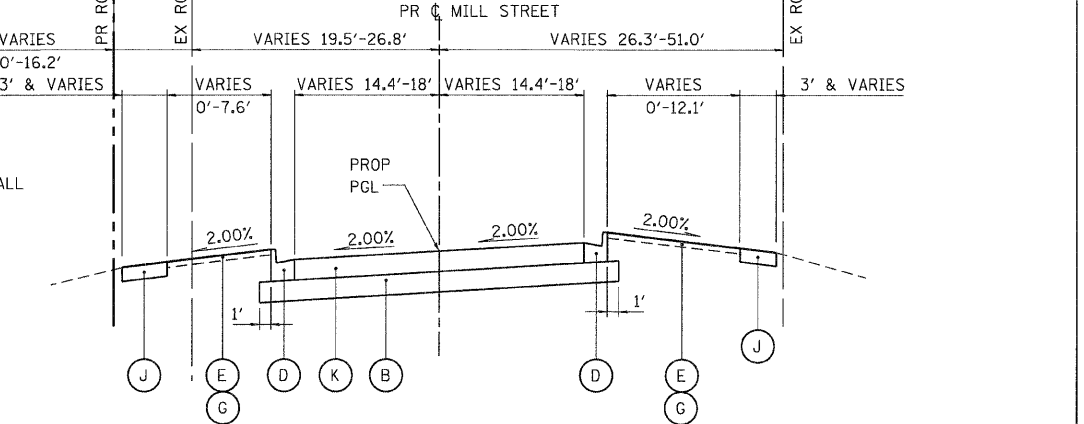
PROPOSED MILL STREET
STA 401+66.30 TO STA 405+18.75

PR ℄ MILL STREET
PR ROW
EX ROW
EX ROW
VARIES 0'-16.2'
3' & VARIES
VARIES 19.5'-26.8'
VARIES 26.3'-51.0'
VARIES 0'-7.6'
VARIES 14.4'-18'
VARIES 14.4'-18'
VARIES 0'-12.1'
3' & VARIES
PROP PGL
2.00%
2.00%
2.00%
2.00%
1'
1'
Ⓙ Ⓔ Ⓓ Ⓚ Ⓑ Ⓓ Ⓔ Ⓙ
Ⓖ Ⓖ

EXISTING LEGEND

① COMBINATION CURB AND GUTTER
② COMPOSITE PAVEMENT BITUMINOUS OVERLAY, VARIES 3"-9", P.C.C. PAVEMENT, VARIES 7"-10"
③ AGGREGATE SHOULDER, VARIES 2"-15"
④ GRASS MEDIAN
⑤ BITUMINOUS SHOULDER, 4"-8"
⑥ P.C.C. PAVEMENT, 9.75"
⑦ P.C.C. SIDEWALK
⑧ P.C.C. MEDIAN
⑨ BITUMINOUS PAVEMENT, VARIES 7.5"-14.5"

PROPOSED LEGEND

Ⓐ 10" JOINTED P.C.C. PAVEMENT
Ⓑ AGGREGATE SUBGRADE, 12" (SEE NOTE 3)
Ⓒ HMA SHOULDER, 8"
Ⓓ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
Ⓔ SODDING, SALT TOLERANT
Ⓕ HMA SHOULDER, 6"
Ⓖ TOPSOIL FURNISH AND PLACE, 4"
Ⓗ CONCRETE MEDIAN, TYPE SB-6.12
Ⓘ CONCRETE MEDIAN, TYPE SB-6 (SPECIAL)
Ⓙ P.C.C. SIDEWALK, 5"

Ⓚ HMA PAVEMENT (FULL DEPTH), 9 1/2" (SEE NOTE 1)
Ⓛ HMA PAVEMENT (FULL DEPTH), 12" (SEE NOTE 2)
Ⓜ ESCAPE AREA MEDIAN
Ⓝ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
Ⓞ P.C.C. BASE COURSE, 8 1/4"
Ⓟ POLYMERIZED HMA SURFACE COURSE, MIX F, N90, 1 3/4"
Ⓠ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
Ⓡ CONCRETE MEDIAN, TYPE SB-6.24
Ⓢ STEEL PLATE BEAM GUARDRAIL, TYPE A
Ⓣ RETAINING WALL
Ⓤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)
Ⓥ CONCRETE CURB, TYPE B

1. THE 9 1/2-INCH HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF:
   2-INCH HMA SURFACE COURSE, MIX "D", N70
   7 1/2-INCH HMA BINDER COURSE, IL 19.0, N70

2. THE 12-INCH HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF:
   2-INCH HMA SURFACE COURSE, MIX "D", N70
   10-INCH HMA BINDER COURSE, IL 19.0, N70

3. ADDITIONAL SUBGRADE THICKNESS BELOW MEDIAN AREA AND SHOULDER SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR AGGREGATE SUBGRADE, 12" AND SHALL NOT BE PAID FOR SEPARATELY.

4. SEE TURN LANE MEDIAN DETAILS SHEET FOR TYPICAL LAYOUT AND DESIGN OF MEDIANS ADJACENT TO LEFT TURN LANES.