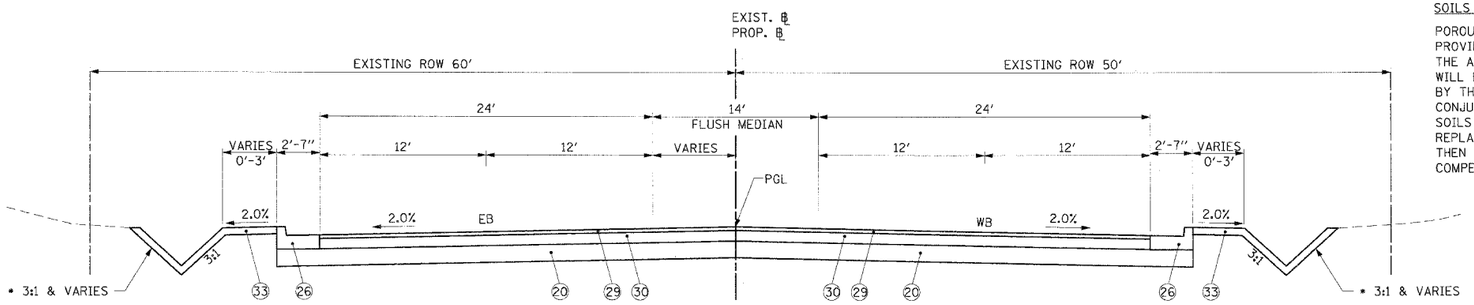
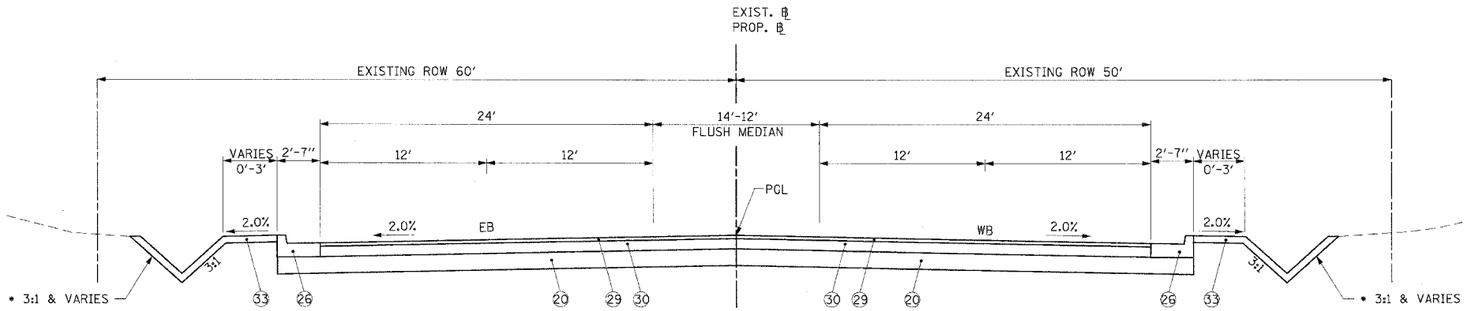
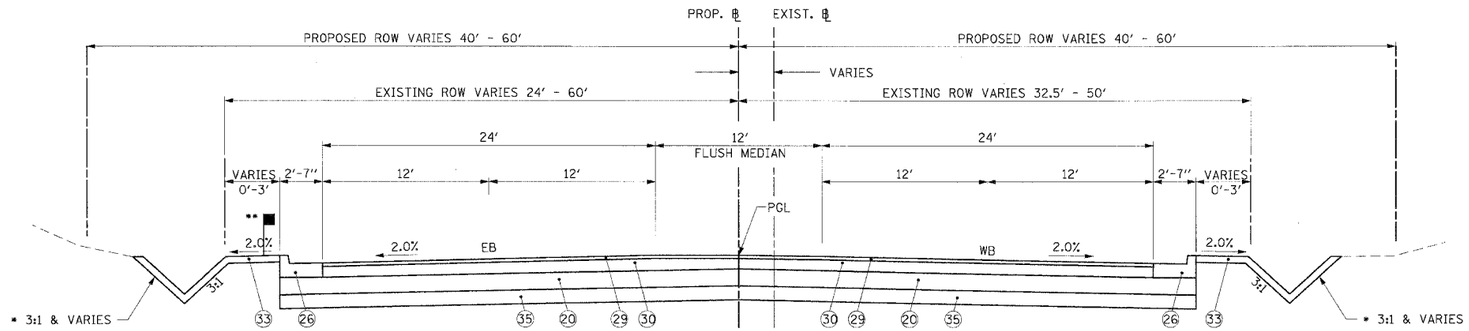
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	(B&14) R-3	WILL	390	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60961				



PROPOSED US ROUTE 30
STA. 716+77.10 TO STA. 717+75.60



PROPOSED US ROUTE 30
STA. 717+75.60 TO STA. 718+75.60



PGES UNDERCUT & REPLACEMENT TABLE

STATION	ESTIMATED TREATMENT
754+50 TO 760+50	12" UNDERCUT AND REPLACEMENT WITH PGES BELOW AGGREGATE SUBGRADE DUE TO THE BROWN AND GRAY SILTY CLAY FILL AT SUBGRADE LEVEL IN B-48 AND B-49 WITH W=32 AND 17% AND QU=1.25 AND .50 TSF.
779+50 TO 785+50	12" UNDERCUT AND REPLACEMENT WITH PGES BELOW AGGREGATE SUBGRADE DUE TO W=29 TO 31% AND QU= .25 TSF FOUND IN B-53 AND B-54.
791+50 TO 794+50	12" UNDERCUT AND REPLACEMENT WITH PGES BELOW AGGREGATE SUBGRADE DUE TO BROWN SILTY CLAY TO CLAY FILL FOUND IN B-57 WITH W=33% AND QU=.25 TSF.
797+50 TO 803+50	12" UNDERCUT AND REPLACEMENT WITH PGES BELOW AGGREGATE SUBGRADE DUE TO W=32% IN B-29 AND QU=.75 TSF IN B-60.

PROPOSED US ROUTE 30
STA. 718+75.60 TO STA. 721+52.14
STA. 726+19.00 TO STA. 728+50.00
STA. 734+41.25 TO STA. 764+47.82
STA. 774+02.00 TO STA. 811+91.46

* DEPTH AND SLOPES OF SWALE VARY PER RIGHT OF WAY RESTRICTIONS, SEE CROSS SECTIONS FOR EXACT DESIGN.

** GUARDRAIL FROM STATION 720+10 TO STA. 728+22.50 WITH A VARIABLE WIDTH 6" BITUMINOUS SHOULDER SUPERPAVE, 2'-9" TO 4'-5" SEE DISTRICT ONE DETAIL FOR STEEL PLATE BEAM GUARDRAIL/ ADJACENT TO CURB & GUTTER

SOILS NOTE:

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH IDOT SUBGRADE MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGE. IF UNSTABLE SOIL IS NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

LEGEND:

(1) EXIST. BITUMINOUS CONCRETE BINDER COURSE
(2) EXIST. BITUMINOUS CONCRETE SURFACE COURSE
(3) EXIST. P.C. CONCRETE BASE COURSE, 9"
(4) EXIST. BITUMINOUS BASE COURSE, 11½"
(5) EXIST. BITUMINOUS RESURFACING, 9"
(6) EXIST. BITUMINOUS CONCRETE OVERLAY, 9"
(7) EXIST. P.C. CONCRETE PAVEMENT 9"-6"-9"
(8) EXIST. P.C. CONCRETE PAVEMENT 6"-8"-6"
(9) EXIST. BITUMINOUS CONCRETE SHOULDER
(10) EXIST. AGGREGATE SHOULDERS, TYPE B
(11) EXIST. STABILIZED MEDIAN
(12) EXIST. SUB-BASE GRANULAR MATERIAL, TYPE A
(13) EXIST COMBINATION CURB AND GUTTER, TYPE B-6.12
(14) EXIST COMBINATION CURB AND GUTTER, TYPE B-6.24
(15) EXIST COMBINATION CURB AND GUTTER, TYPE M-6.12
(17) PROP. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50 - 1½"
(18) PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N-50 - ¾"
(19) PROP. BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50 - 2"
(20) PROP. AGGREGATE SUBGRADE, 12"
(21) PROP. SUB-BASE GRANULAR MATERIAL, TYPE B - 10"
(22) PROP. BITUMINOUS SHOULDERS SUPERPAVE, 6"
(23) PROP. CONCRETE MEDIAN SURFACE, 4 INCH
(24) PROP. CORRUGATED MEDIAN
(25) PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
(26) PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
(27) PROP. BITUMINOUS CONCRETE SURFACE REMOVAL, 2¼"
(28) PROP. POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90 - 1½"
(29) PROP. POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90 - 2"
(30) PROP. BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90 - 10¾"
(32) PROP. STEEL PLATE BEAM GUARD RAIL, TYPE A
(33) PROP. SODDING, SALT TOLERANT OR SEEDING (SEE LANDSCAPING PLAN)
(34) PROP. PERMANENT STEEL SHEET PILING RETAINING WALL
(35) PROP. POROUS GRANULAR EMBANKMENT SUBGRADE

REVISIONS	
NAME	DATE
AMB	12/21/04

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

US ROUTE 30

SHEET 2 OF 6

SCALE: VERT. NONE
HORIZ. NONE
DATE: 3/1/05

DRAWN BY: SNH
CHECKED BY: KDF

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