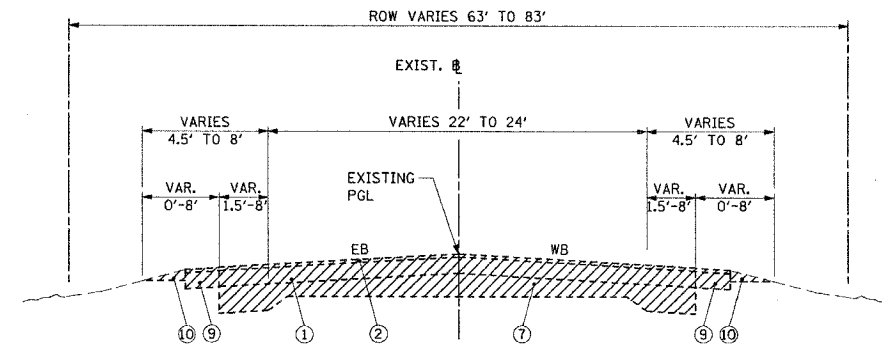
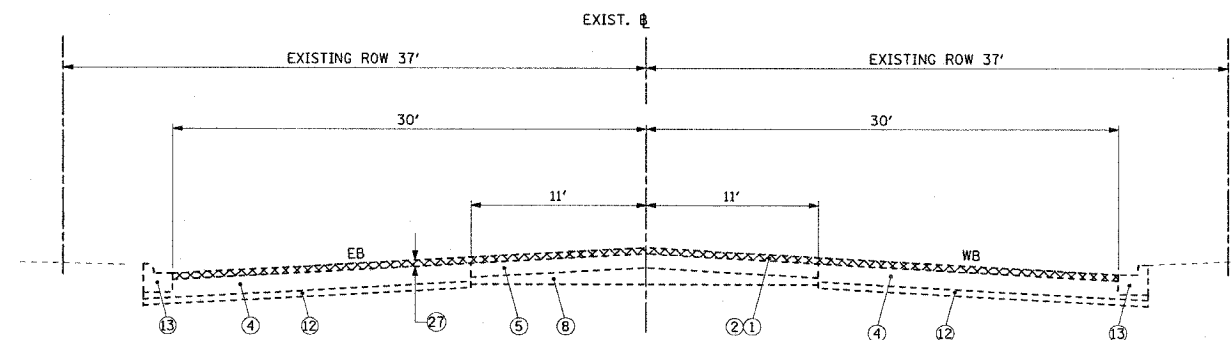
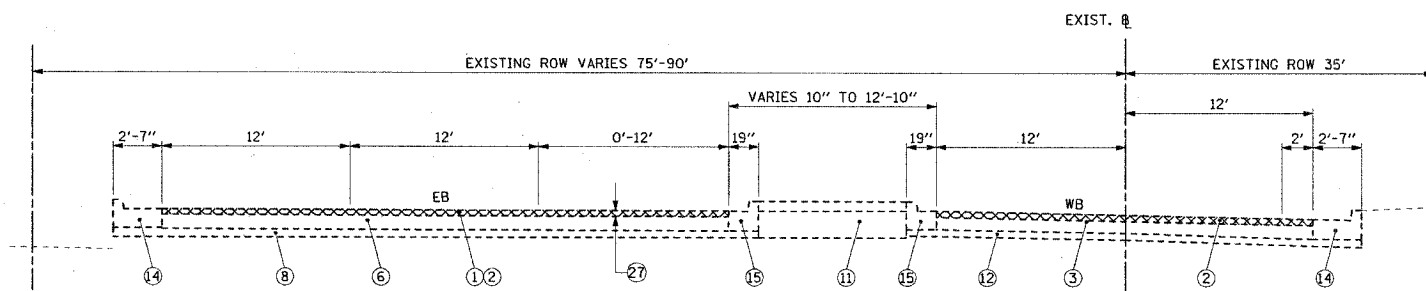




EXISTING US ROUTE 30
RECONSTRUCTION - STA. 716+77.10 TO STA. 764+47.82
RECONSTRUCTION - STA. 774+02.00 TO STA. 816+66.78



EXISTING US ROUTE 30
BITUMINOUS SURFACE REMOVAL AND RESURFACING - STA. 764+47.82 TO STA. 774+02.00



EXISTING US ROUTE 30

MIX SCHEDULE **

BITUMINOUS SURFACE REMOVAL AND RESURFACING - STA. 816+66.78 TO STA. 846+13.54

MIX TYPE/ ITEM	AC TYPE	VOIDS	RAP%
POLYMERIZED BIT. CONC. SURF. CSE., SUPERPAVE, MIX "F", N90	SBS/SBR PG 76-22	4% @ 90 GYR.	0%
POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50	SBS/SBR PG 76-28	2.5% @ 70 GYR.	0%
BIT CONC. SURF. CSE., SUPERPAVE, MIX "C", N50	PG 64-22	4% @ 50 GYR.	15%
BIT. CONC. BINDER COURSE SUPERPAVE, IL-19.0, N90	SBS/SBR PG 70-22	4% @ 90 GYR.	0%
BIT. CONC. BINDER COURSE SUPERPAVE, IL-19.0, N50	PG 58-22	4% @ 50 GYR.	25%
BITUMINOUS BASE COURSE, SUPERPAVE	PG 58-22	2% @ 50 GYR.	50%
TEMPORARY PAVEMENT (SEE SPECIAL PROVISION)	PG 58-22	2% @ 50 GYR.	50%
SHOULDERS	PG 58-22	2% @ 50 GYR.	50%
PAVEMENT PATCHING CLASS D PATCHES (BINDER IL-19.0)	PG 64-22	4% @ 70 GYR.	15%
DRIVEWAY - BITUMINOUS BASE COURSE, SUPERPAVE	PG 58-22	2% @ 50 GYR.	50%
DRIVEWAY - BITUMINOUS SURFACE COURSE, SUPERPAVE, MIX "C", N50	PG 64-22	4% @ 50 GYR.	15%

NOTE:

* TO BE AS FULL DEPTH BITUMINOUS CONCRETE PAVEMENT (SUPERPAVE) 12 3/4" PER ARTICLE 407.08 OF THE STANDARD SPECIFICATIONS. CONSTRUCTION TRAFFIC WILL NOT BE PERMITTED ON THE BINDER COURSE UNTIL THE THICKNESS OF THE BINDER COURSE EXCEEDS 7". A MATERIAL TRANSFER DEVICE MAY BE NECESSARY TO MEET THE ABOVE SPECIFICATION, HOWEVER, THE COST OF THE MATERIAL TRANSFER DEVICE WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE FULL DEPTH PAVEMENT.

** THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

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.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	(B&I) R-3	WILL	390	12
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60961				

LEGEND:

- EXIST. BITUMINOUS CONCRETE BINDER COURSE
- EXIST. BITUMINOUS CONCRETE SURFACE COURSE
- EXIST. P.C. CONCRETE BASE COURSE, 9"
- EXIST. BITUMINOUS BASE COURSE, 11 1/2"
- EXIST. BITUMINOUS RESURFACING, 9"
- EXIST. BITUMINOUS CONCRETE OVERLAY, 9"
- EXIST. P.C. CONCRETE PAVEMENT 9'-6"-9"
- EXIST. P.C. CONCRETE PAVEMENT 6'-8"-6"
- EXIST. BITUMINOUS CONCRETE SHOULDER
- EXIST. AGGREGATE SHOULDERS, TYPE B
- EXIST. STABILIZED MEDIAN
- EXIST. SUB-BASE GRANULAR MATERIAL, TYPE A
- EXIST COMBINATION CURB AND GUTTER, TYPE B-6.12
- EXIST COMBINATION CURB AND GUTTER, TYPE B-6.24
- EXIST COMBINATION CURB AND GUTTER, TYPE M-6.12
- PROP. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 - 1 1/2"
- PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N-50 - 3/4"
- PROP. BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50 - 2"
- PROP. AGGREGATE SUBGRADE, 12"
- PROP. SUB-BASE GRANULAR MATERIAL, TYPE B - 10"
- PROP. BITUMINOUS SHOULDERS SUPERPAVE, 6"
- PROP. CONCRETE MEDIAN SURFACE, 4 INCH
- PROP. CORRUGATED MEDIAN
- PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- PROP. BITUMINOUS CONCRETE SURFACE REMOVAL, 2 1/2"
- PROP. POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90 - 1 3/4"
- PROP. POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90 - 1 3/4"
- PROP. BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90 - 11"
- PROP. STEEL PLATE BEAM GUARD RAIL, TYPE A
- PROP. SODDING, SALT TOLERANT OR SEEDING (SEE LANDSCAPING PLAN)
- PROP. PERMANENT STEEL SHEET PILING RETAINING WALL
- PROP. POROUS GRANULAR EMBANKMENT SUBGRADE

PAVEMENT REMOVAL

BITUMINOUS CONCRETE SURFACE REMOVAL (MILLING)

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

REVISIONS	
NAME	DATE
AMB	12/21/04

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

US ROUTE 30

SHEET 1 OF 6

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

DRAWN BY: SMH
CHECKED BY: KDF

Rev. 7-26-05