

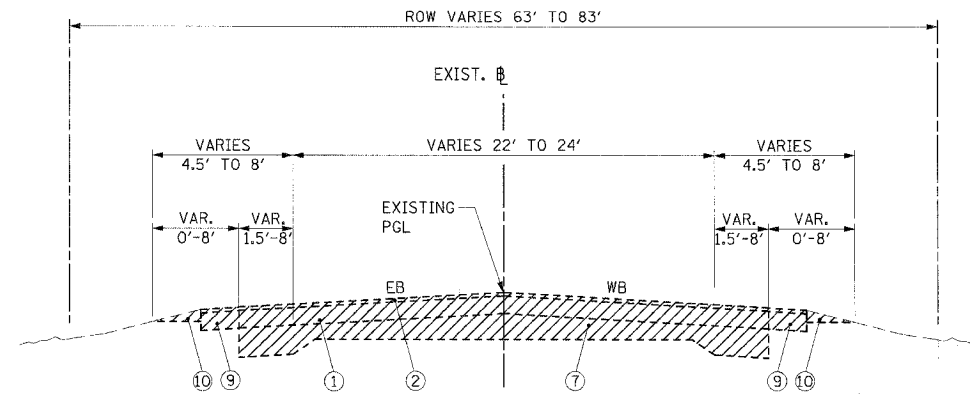
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	(B&I) R-3	WILL	390	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60961				

**SOILS NOTE:**

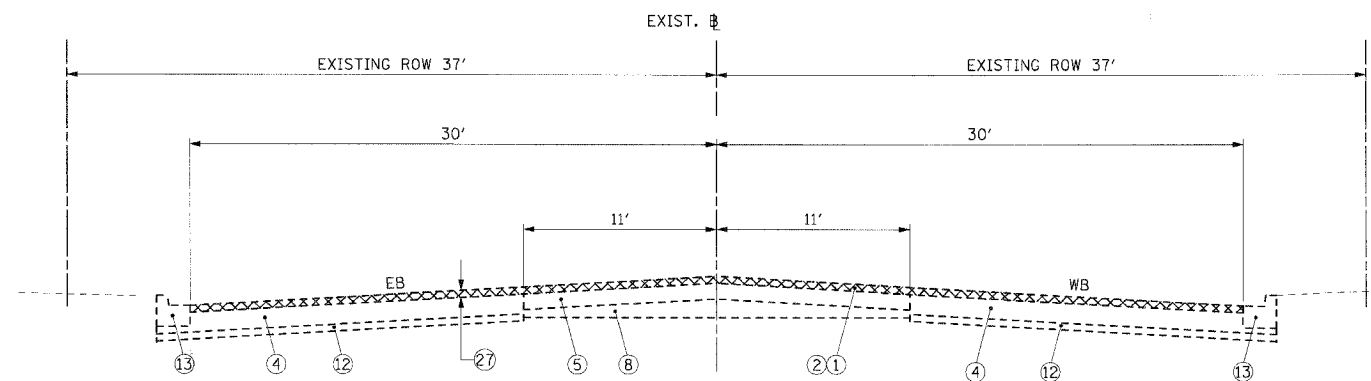
POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH IDOT SUBGRADE 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:**

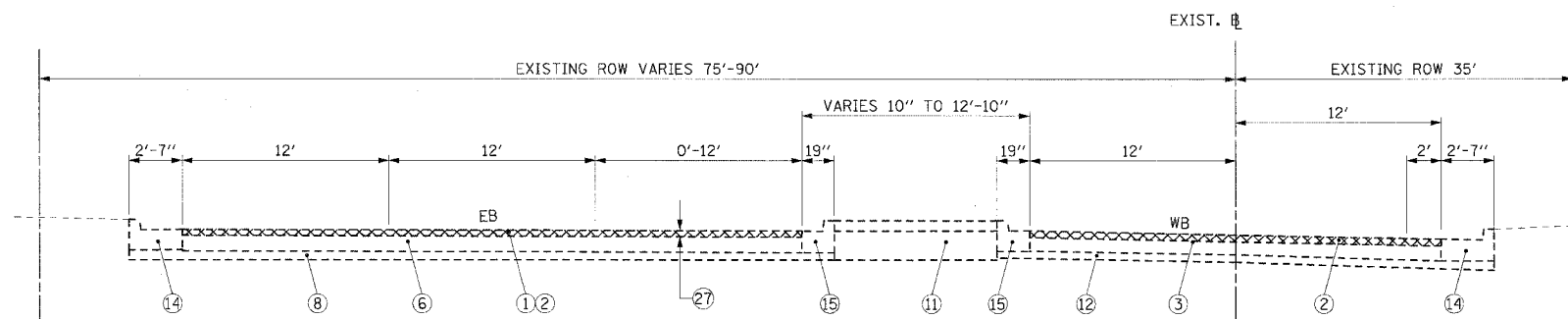
- ① EXIST. BITUMINOUS CONCRETE BINDER COURSE
- ② EXIST. BITUMINOUS CONCRETE SURFACE COURSE
- ③ EXIST. P.C. CONCRETE BASE COURSE, 9"
- ④ EXIST. BITUMINOUS BASE COURSE, 1 1/2"
- ⑤ EXIST. BITUMINOUS RESURFACING, 9"
- ⑥ EXIST. BITUMINOUS CONCRETE OVERLAY, 9"
- ⑦ EXIST. P.C. CONCRETE PAVEMENT 9'-6"-9"
- ⑧ 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 - 1 1/2"
- ⑱ PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50 - 3/4"
- 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, 2 1/4"
- ㉘ PROP. POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90 - 1 1/2"
- ㉙ PROP. POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90 - 2"
- ㉚ PROP. BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90 - 10 3/4"
- ㉛ PROP. STEEL PLATE BEAM GUARD RAIL, TYPE A
- ㉜ PROP. SODDING, SALT TOLERANT OR SEEDING (SEE LANDSCAPING PLAN)
- ㉝ PROP. PERMANENT STEEL SHEET PILING RETAINING WALL
- ㉞ PROP. POROUS GRANULAR EMBANKMENT SUBGRADE



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

**MIX SCHEDULE**

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, 1L-19.0, N90	SBS/SBR PG 70-22	4% @ 90 GYR.	0%
BIT. CONC. BINDER COURSE SUPERPAVE, 1L-19.0, N50	PG 58-22	4% @ 50 GYR.	25%
BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "D", N50	PG 64-22	4% @ 50 GYR.	15%
BITUMINOUS BASE COURSE, SUPERPAVE	PG 58-22	2% @ 50 GYR.	50%
TEMPORARY PAVEMENT	PG 58-22	2% @ 50 GYR.	50%

**NOTE:**

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

- 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: SNH  
CHECKED BY: KDF

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