



* PGES LIMITS:
 ESTIMATED QUANTITY WAS BASED ON ROADWAY SOILS INVESTIGATION; ACTUAL LOCATION AND DEPTH OF UNDERCUTS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. EXCAVATION BELOW EXISTING PAVEMENT TO PROPOSED SUBGRADE ELEVATION WILL BE PAID AS EARTH EXCAVATION. EXCAVATION REQUIRED BELOW PROPOSED SUBGRADE ELEVATION TO PLACE POROUS GRANULAR EMBANKMENT, SUBGRADE, WILL BE PAID AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
 ESTIMATED LOCATIONS OF POROUS GRANULAR EMBANKMENT, SUBGRADE, AND REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

STATION LIMITS		ESTIMATED THICKNESS PGES
FROM	TO	
PILSEN ROAD		
302+00	304+85	6"

HOT-MIX ASPHALT REQUIREMENTS

PAY ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; 3"	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2"	PG 64-22	4% @ 70 GYR
<u>HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13"</u>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2"	PG 64-22	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70; 11"	PG 64-22 *	4% @ 70 GYR
<u>HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"</u>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2"	PG 64-22	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70; 8"	PG 64-22 *	4% @ 70 GYR
<u>TEMPORARY PAVEMENT</u>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 1-3/4"	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE, 6-1/4"	PG 64-22 *	2% @ 50 GYR
<u>HOT-MIX ASPHALT DRIVEWAYS (BIT PE, BIT CE)</u>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE; 6", 8"	PG 64-22 *	2% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50	PG 64-22 *	4% @ 50 GYR
<u>CLASS D PATCHES, 12"</u>		
HOT-MIX ASPHALT BINDER COURSE, IL-19	PG 64-22 *	4% @ 70 GYR.
<u>INCIDENTAL HOT-MIX ASPHALT SURFACING</u>		
HOT-MIX ASPHALT BINDER COURSE, IL-19, N50	PG 64-22 *	4% @ 50 GYR.

NOTE:
 1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MATERIAL IS 112 LB/SQ YD PER INCH THICKNESS.
 2. * = CONTRACTOR OPTION, WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

- EXISTING LEGEND**
- (A) EXISTING HOT-MIX ASPHALT PAVEMENT SURFACE
 - (B) EXISTING HOT-MIX ASPHALT PAVEMENT AND AGGREGATE SUBGRADE
 - (C) EXISTING AGGREGATE SHOULDER
 - (D) EXISTING GROUND LINE
 - (E) EXISTING SIDEWALK
 - (F) TOPSOIL STRIPPING; 4" APPROX. (UNSUITABLE MATERIAL) SEE LANDSCAPE PLAN FOR LIMITS
 - (G) TOPSOIL STRIPPING; 6" APPROX. (UNSUITABLE MATERIAL) SEE LANDSCAPE PLAN FOR LIMITS
- R= REMOVAL

- PROPOSED LEGEND**
- ① HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13"
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19, N70; 11"
 - ② HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19, N70; 8"
 - ③ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2"
 - ④ LEVELING BINDER (MACHINE METHOD), N50; 3/4"
 - ⑤ COMBINATION CONC. CURB & GUTTER, TY B-6.12
 - ⑥ COMBINATION CONC. CURB & GUTTER, TY B-6.24
 - ⑦ COMBINATION CONC. CURB & GUTTER, TY M-2.12
 - ⑧ COMBINATION CONC. CURB & GUTTER, TY M-4.12
 - ⑨ COMBINATION CONC. CURB & GUTTER, TY M-4.24
 - ⑩ AGGREGATE SUBGRADE 12"
 - ⑪ POROUS GRANULAR EMBANKMENT, SUBGRADE, UNDERCUTTING (PAID AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL) *
 - ⑫ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

- ⑬ AGGREGATE SHOULDER, TYPE A; 6"
- ⑭ EMBANKMENT (INCLUDED IN THE COST OF EARTH EXCAVATION)
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL
- SIDEWALK THICKNESS SHALL BE 6" MINIMUM ACROSS RESIDENTIAL DRIVEWAYS AND 8" MINIMUM ACROSS NON-RESIDENTIAL DRIVEWAYS. ALL SIDEWALK SHALL BE OVER 4" AGGREGATE BASE COURSE TYPE A (INCLUDED IN SIDEWALK COST)
- ⑰ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑱ MULCH, METHOD 2 SEEDING, CLASS 1A FERTILIZER NUTRIENTS TOPSOIL FURNISH AND PLACE, 4"
- ⑲ PAVEMENT MARKINGS
- ⑳ RETAINING WALL (SPECIAL)
- ㉑ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
- ㉒ AGGREGATE BASE COURSE, TYPE A 6"
- ㉓ AGGREGATE BASE COURSE, TYPE A 4"
- ㉔ EROSION CONTROL BLANKET SEEDING, CLASS 1A FERTILIZER NUTRIENTS TOPSOIL FURNISH AND PLACE, 6"

NOTE:
 TYPICAL EXISTING PAVEMENT THICKNESS-
 POWIS ROAD
 12.5" HMA ON 12" AGG
 ALL OTHER ROADS
 10" HMA ON 10" AGG

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PILSEN ROAD
TYPICAL SECTIONS
STA. 302+00 TO STA. 305+00
 SCALE: NONE
 DATE: 12/8/2006
 DRAWN BY: PWM
 DESIGN BY: BLL
 CHECKED BY: JGS

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