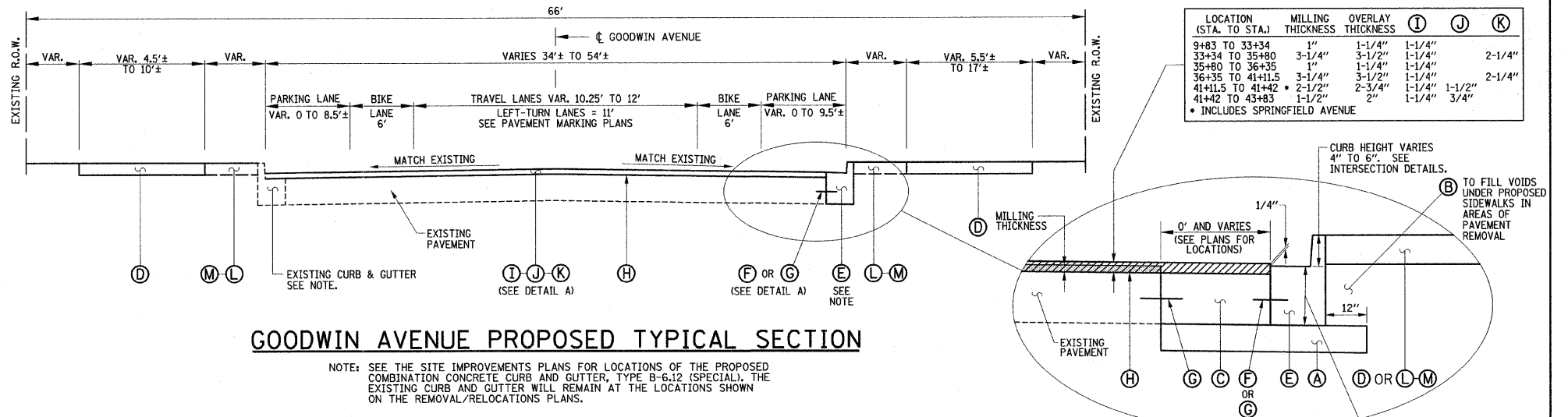


**PROPOSED TYPICAL SECTION NOTES**

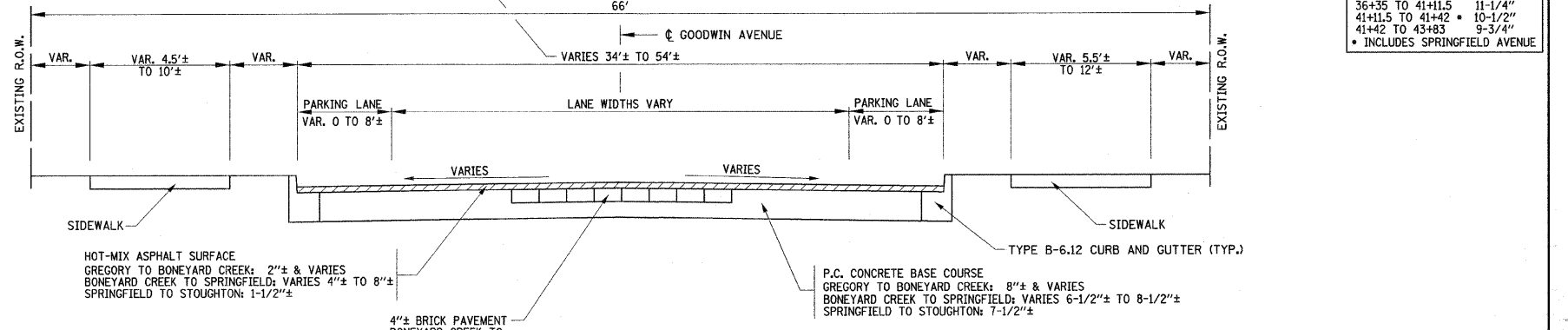
- SEE THE SITE IMPROVEMENTS PLANS, INTERSECTION DETAILS, AND HORIZONTAL ALIGNMENT LAYOUT AND CONTROL SHEETS FOR LOCATIONS OF PAVEMENTS, CURBS AND GUTTERS, SIDEWALKS, RIGHT-OF-WAY LINES, AND TEMPORARY CONSTRUCTION EASEMENTS.
- THE EXISTING PAVEMENT TYPE AND THICKNESS REPRESENTS THE BEST INFORMATION AVAILABLE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PAVEMENT REMOVAL ITEMS DUE TO VARIATIONS IN THE EXISTING PAVEMENT TYPE, THICKNESS, OR AMOUNT OF REINFORCEMENT. THE ADJUSTMENT OF QUANTITIES AS SPECIFIED IN ARTICLE 440.07 OF THE STANDARD SPECIFICATIONS SHALL NOT APPLY.
- EARTH EXCAVATION WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE SPECIFIC CONSTRUCTION PAY ITEM REQUIRING THE EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE FINISHED EARTHWORK SHALL HAVE VEGETATIVE SUSTAINING SOIL COVERING THE TOP 6" OF AREAS TO BE SEEDDED. THE FURNISHED TOPSOIL SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS OR BE APPROVED BY THE ENGINEER. THE VEGETATIVE SUSTAINING SOIL REQUIRED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR TOPSOIL FURNISH AND PLACE, 6". 12 INCHES OF TOPSOIL SHALL BE FURNISHED AT THE LOCATIONS SHOWN ON THE PLANS. THE TOPSOIL REQUIRED FOR THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR TOPSOIL FURNISH AND PLACE, 12".
- ALL EXPOSED EARTH AREAS SHALL BE SEEDDED AND MULCHED IN ACCORDANCE WITH SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. SOD SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH SECTION 252 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS.
- THE P.C. CONCRETE BASE COURSE SHALL NOT BE POURED MONOLITHIC WITH THE COMBINATION CONCRETE CURB AND GUTTER EXCEPT AT THE STUB LOCATIONS SHOWN ON THE PLANS. A 1-FOOT STUB SHALL BE CONSTRUCTED PERPENDICULAR TO THE SAWED EDGE OF EXISTING PAVEMENT. THE COST OF ADDITIONAL GUTTER FLAG WIDTH WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PORTLAND CEMENT CONCRETE BASE COURSE 8". TIE BARS BETWEEN THE BASE COURSE AND THE CURB AND GUTTER SHALL BE REQUIRED IN ACCORDANCE WITH STANDARD 606001.
- THE COMBINATION CONCRETE CURB AND GUTTER ADJACENT TO THE NEW P.C. CONCRETE BASE COURSE AND HOT-MIX ASPHALT OVERLAY SHALL BE IN ACCORDANCE WITH STANDARD 606001 EXCEPT THAT IT SHALL BE CONSTRUCTED TO THE FULL THICKNESS OF THE PAVEMENT. THE COST OF THE CURB AND GUTTER, INCLUDING THE ADDITIONAL THICKNESS, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL).
- THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED WITH A CURB HEIGHT OF 4 INCHES AT THE LOCATIONS SHOWN ON THE PLANS. THE COST OF CONSTRUCTING THE COMBINATION CONCRETE CURB AND GUTTER WITH A 4 INCH CURB HEIGHT SHALL BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (SPECIAL).
- THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED WITH VARYING GUTTER FLAG SLOPES AT THE LOCATIONS SHOWN ON THE PLANS. THE COST OF CONSTRUCTING THE COMBINATION CONCRETE CURB AND GUTTER WITH VARYING GUTTER FLAG SLOPES SHALL BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER B-6.12 (SPECIAL).
- SAWED TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED AT 15 FOOT CENTERS IN THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) AND THE JOINTS SHALL BE SEALED. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 606.07 OF THE STANDARD SPECIFICATIONS.
- ALL SAWED JOINTS IN THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE SEALED WITH A JOINT SEALER MEETING THE REQUIREMENTS OF ARTICLE 606.02 OF THE STANDARD SPECIFICATIONS.
- IN THE AREAS OF CROSS SLOPE MODIFICATION SHOWN ON PLANS, THE PROPOSED HMA SURFACING THICKNESS WILL EXCEED THE TYPICAL OVERLAY THICKNESS FOR THAT LOCATION. THE ADDITIONAL HMA THICKNESS REQUIRED SHALL BE ACHIEVED WITH SURFACE COURSE OR LEVELING BINDER AS DIRECTED BY THE ENGINEER.
- HIGH-EARLY STRENGTH CONCRETE SHALL BE USED AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. SEE THE SITE IMPROVEMENTS PLANS AND SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
- THE SUBGRADE SHALL BE PREPARED AND COMPACTED IN ACCORDANCE WITH SECTION 301 OF THE STANDARD SPECIFICATIONS AND THE IDOT SUBGRADE STABILITY MANUAL. IF THE REQUIRED DENSITY AND STABILITY CANNOT BE ATTAINED IT WILL BE NECESSARY TO UNDERCUT AND REMOVE EARTH AND ORGANIC MATERIAL BELOW THE PROPOSED PAVEMENT SYSTEM TO A DEPTH OF 12" AS DIRECTED BY THE ENGINEER. ALL UNSTABLE, UNSUITABLE, OR ORGANIC MATERIAL SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER. MATERIALS THAT ARE UNDERCUT AND REMOVED BELOW THE PROPOSED PAVEMENT SYSTEM WHERE THE REQUIRED DENSITY AND STABILITY CANNOT BE ATTAINED SHALL BE MEASURED AND PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. SEE THE "SUBGRADE REMOVAL AND REPLACEMENT DETAIL" ON THE MISCELLANEOUS DETAIL SHEETS FOR ADDITIONAL INFORMATION.
- EPOXY COATING SHALL NOT BE REQUIRED ON DOWEL BARS AND TIE BARS.



**GOODWIN AVENUE PROPOSED TYPICAL SECTION**

NOTE: SEE THE SITE IMPROVEMENTS PLANS FOR LOCATIONS OF THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL). THE EXISTING CURB AND GUTTER WILL REMAIN AT THE LOCATIONS SHOWN ON THE REMOVAL/RELOCATIONS PLANS.

GREGORY TO NEVADA: 34"± F-F OF CURB  
 NEVADA TO OREGON: 54"± F-F OF CURB  
 OREGON TO ILLINOIS: 47"± F-F OF CURB  
 ILLINOIS TO SPRINGFIELD: 54"± F-F OF CURB



**GOODWIN AVENUE EXISTING TYPICAL SECTION**

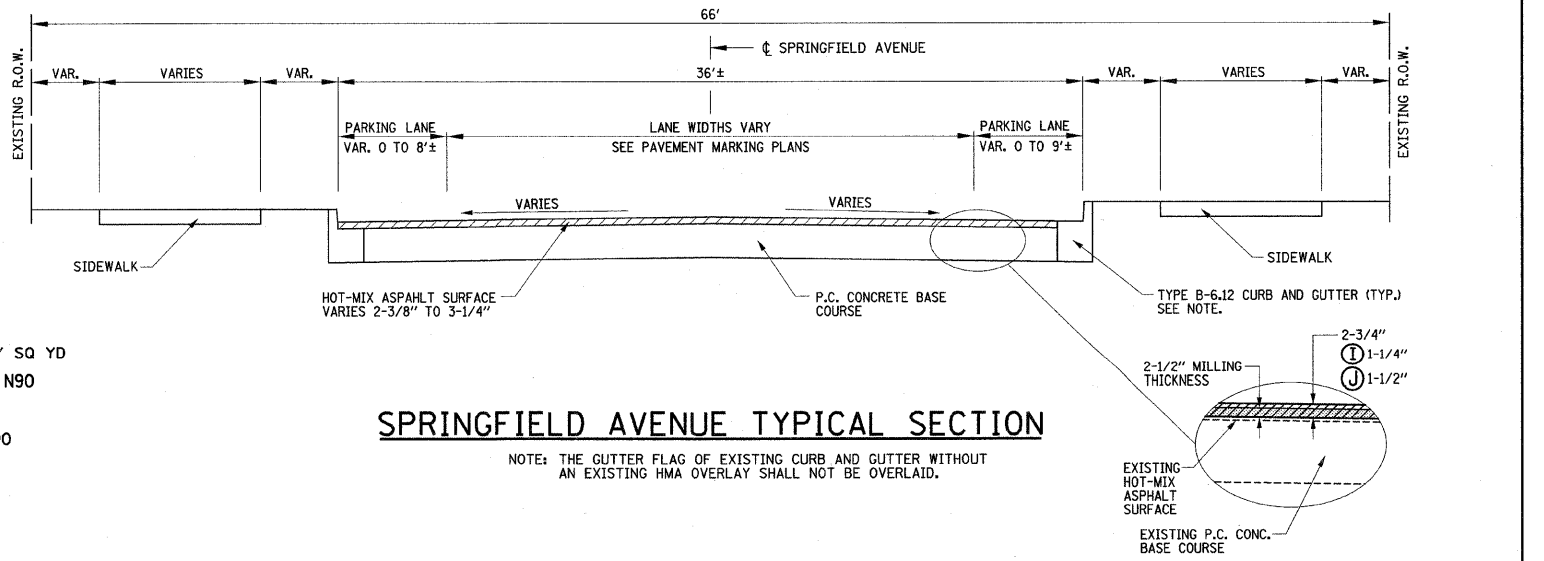
**HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE**

MIXTURE USE:	POLYMERIZED SURFACE	POLYMERIZED LEVELING BINDER	POLYMERIZED BINDER	INCIDENTAL SURFACE
AC/PG	SBS PG 70-22	SBS PG 70-22	SBS PG 70-22	PG 64-22
RAP % (MAX)	10	10	10	10
DESIGN AIR VOIDS	4.0% @ NDES = 90	4.0% @ NDES = 90	4.0% @ NDES = 90	4.0% @ NDES = 90
MIXTURE COMPOSITION (GRADATION)	IL 9.5	IL 9.5	IL 19.0	IL 9.5
FRICITION AGGREGATE	MIXTURE D	MIXTURE C	N/A	MIXTURE C

NOTE 1: IF AN ANTI-STRIPPING ADDITIVE IS REQUIRED FOR ANY HOT-MIX ASPHALT MIXTURE, THE COST OF THE ADDITIVE WILL NOT BE PAID FOR SEPARATELY AS DESCRIBED IN ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS. IF THE CONTRACTOR ANTICIPATES THAT AN ADDITIVE WILL BE NEEDED, THE COST SHOULD BE INCLUDED IN THE UNIT BID PRICE.

- PROPOSED TYPICAL SECTION KEY**
- (A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - (B) AGGREGATE BASE COURSE, TYPE B
  - (C) PORTLAND CEMENT CONCRETE BASE COURSE 8"
  - (D) PORTLAND CEMENT CONCRETE SIDEWALK 6"
  - (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
  - (F) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 X 30" TIE BARS AT 24" CENTERS FORMED IN PLACE (STD. 420001)
  - (G) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 X 24" TIE BARS AT 24" CENTERS DRILLED AND GROUTED IN PLACE (STD. 420001) (PERFORMED HOLES WITH GROUTED TIE BARS WILL NOT BE ALLOWED)

- PROPOSED TYPICAL SECTION KEY**
- (H) BITUMINOUS MATERIALS (PRIME COAT) - 0.05 TO 0.10 GAL / SQ YD
  - (I) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
  - (J) POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90
  - (K) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
  - (L) TOPSOIL 6"
  - (M) SEEDING AND MULCH



**SPRINGFIELD AVENUE TYPICAL SECTION**

NOTE: THE GUTTER FLAG OF EXISTING CURB AND GUTTER WITHOUT AN EXISTING HMA OVERLAY SHALL NOT BE OVERLAID.

FILE NAME = p:\u0070052\plans\sheet\07-TypSections.dgn	DESIGNED - JAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TYPICAL SECTIONS		F.A.U. RTE. 7175	SECTION 07-00456-00-RS	COUNTY CHAMPAIGN	TOTAL SHEETS 75	SHEET NO. 7
PLOT DATE = 1/12/2009 7:46:05 PM	DRAWN - DLM	REVISED -					SCALE: NONE	SHEET NO. 7 OF 75 SHEETS	STA. TO STA.	GOODWIN AVENUE ILLINOIS FED. AID PROJECT	