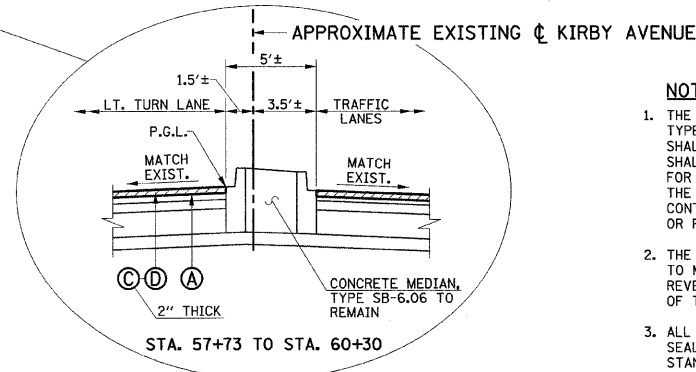


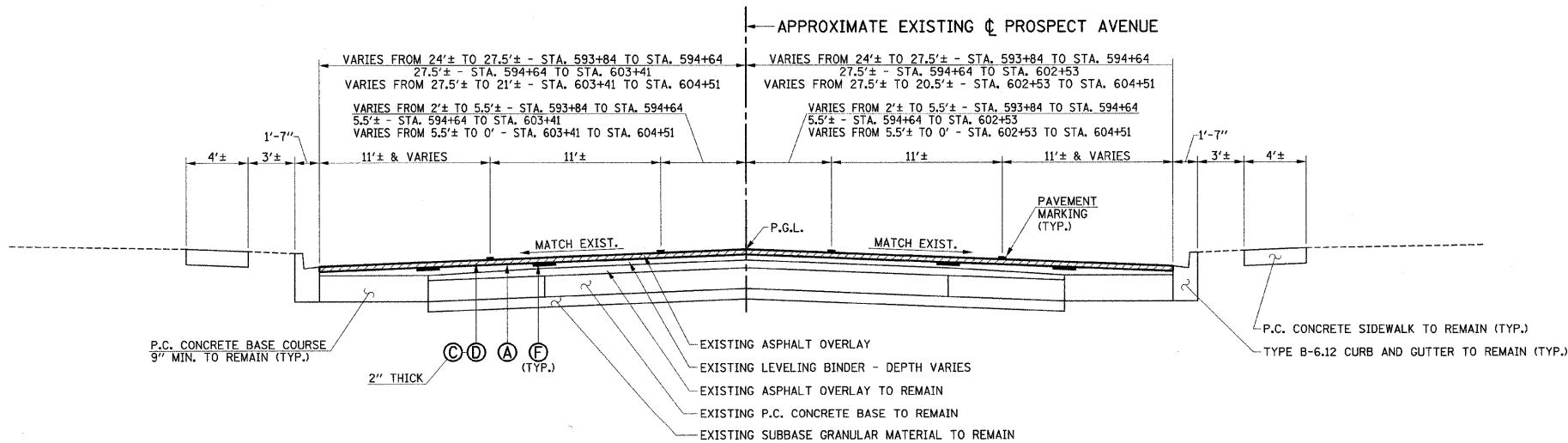
**NOTE 1**  
P.G.L. TRANSITION FROM 1.5' LT. TO  $\phi$  STA. 62+00 TO STA. 62+50

**PROPOSED TYPICAL CROSS SECTION  
KIRBY AVENUE  
STA. 57+00 TO STA. 62+50**



**NOTES**

1. THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) AND THE CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL) SHALL BE IN ACCORDANCE WITH STANDARDS 606001 AND 606301 EXCEPT THEY SHALL BE CONSTRUCTED TO THE FULL THICKNESS OF THE EXISTING PAVEMENT. THE CURB AND GUTTER SHALL ALSO BE CONSTRUCTED WITH A HIGH EARLY STRENGTH CONCRETE MIX. SEE THE SPECIAL PROVISIONS FOR THE CONCRETE MIX REQUIREMENTS. THE COST OF THE CURB AND GUTTER AND THE MEDIAN, INCLUDING THE ADDITIONAL THICKNESS AND THE HIGH EARLY STRENGTH CONCRETE MIX SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) OR PER SQUARE FOOT FOR CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL).
2. THE CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL) SHALL BE CONSTRUCTED WITH REVERSE GUTTER FLAG SLOPES TO MATCH THE SLOPE OF ADJACENT PAVEMENT. THE COST OF CONSTRUCTING THE CONCRETE MEDIAN WITH REVERSE GUTTER FLAG SLOPES WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE CONCRETE MEDIAN.
3. ALL SAWED JOINTS IN THE COMBINATION CONCRETE CURB AND GUTTER AND CONCRETE MEDIAN SHALL BE SEALED WITH A JOINT SEALER MEETING THE REQUIREMENTS OF ARTICLES 606.07 AND 606.09 OF THE STANDARD SPECIFICATIONS.
4. LONGITUDINAL CONSTRUCTION JOINTS BETWEEN THE EXISTING PAVEMENT AND COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) OR CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL) SHALL BE TIED WITH NO. 6 EPOXY COATED TIE BARS SPACED AT 24" CENTERS AS SHOWN ON STANDARD 420001. EXISTING TIE BARS THAT ARE IN GOOD CONDITION MAY BE USED IN PLACE OF THE NEW TIE BARS WITH THE APPROVAL OF THE ENGINEER.
5. SAWED TRANSVERSE CONTRACTION JOINTS 3" DEEP SHALL BE PLACED IN THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) IN PROLONGATION OF THE EXISTING PAVEMENT JOINTS. ADDITIONAL JOINTS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER SO THAT THE MAXIMUM JOINT SPACING DOES NOT EXCEED 20 FOOT MAXIMUM CENTERS. TWO 1 1/4" DIAMETER, 18" LONG EPOXY COATED DOWEL BARS SHALL BE INSTALLED IN THE JOINTS. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 606.07 OF THE STANDARD SPECIFICATIONS.
6. SAWED TRANSVERSE CONTRACTION JOINTS 1/3 THE DEPTH OF THE CONCRETE MEDIANS SHALL BE PLACED IN PROLONGATION OF THE EXISTING PAVEMENT JOINTS. ADDITIONAL JOINTS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER SO THAT THE MAXIMUM JOINT SPACING DOES NOT EXCEED 20 FOOT MAXIMUM CENTERS. DOWEL BARS WILL NOT BE REQUIRED ACROSS THE TRANSVERSE JOINTS IN MEDIANS. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 606.09 OF THE STANDARD SPECIFICATIONS.
7. TRANSVERSE EXPANSION JOINTS IN THE CONCRETE MEDIAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301 OR AS DIRECTED BY THE ENGINEER.
8. ON THE MAINLINE PAVEMENTS THE LEVELING BINDER AND HOT-MIX ASPHALT SURFACE COURSE SHALL BE PLACED WITH TWO SPREADING AND FINISHING MACHINES SIMULTANEOUSLY SO THAT THE JOINT BETWEEN LANES WILL BE AN INTEGRAL BONDED JOINT. THE PAVEMENT CENTERLINE JOINT WILL BE A STANDARD LONGITUDINAL COLD JOINT. SEE THE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.
9. TOPSOIL 6 INCHES THICK SHALL BE PLACED IN AREAS DISTURBED FOR THE CONSTRUCTION OF CURB AND GUTTERS. THE TOPSOIL SHALL BE A VEGETATIVE SUSTAINING SOIL COVERING THE TOP 6" OF AREAS TO BE SODDED. THE TOPSOIL SHALL MEET THE REQUIREMENTS OF ARTICLE 1081.05 OF THE STANDARD SPECIFICATIONS OR BE APPROVED BY THE ENGINEER. THE TOPSOIL REQUIRED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR TOPSOIL FURNISH AND PLACE, 6".
10. ALL EXPOSED EARTH AREAS SHALL BE SODDED IN ACCORDANCE WITH SECTION 252 OF THE STANDARD SPECIFICATIONS.



**PROPOSED TYPICAL CROSS SECTION  
PROSPECT AVENUE  
STA. 593+64 TO STA. 604+71**

**PROPOSED TYPICAL SECTION KEY**

- (A) BITUMINOUS MATERIALS (PRIME COAT) - 0.10 GAL/SQ YD
- (B) POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90
- (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
- (F) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (G) CONCRETE MEDIAN, TYPE SB-9.06 (SPECIAL) (STD. 606301)
- (H) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 X 24" EPOXY COATED TIE BARS AT 24" CENTERS DRILLED AND GROUTED IN PLACE (STD. 420001)

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DESIGNED - R.L.H.	REVISED -
DRAWN - J.L.B.	REVISED -
CHECKED - J.T.P.	REVISED -
DATE - 6-09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED TYPICAL SECTIONS**

SCALE : NONE SHEET NO. 10 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7138	09-00281-00-R5	CHAMPAIGN	27	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-5181 (046)			CONTRACT NO. 91408	