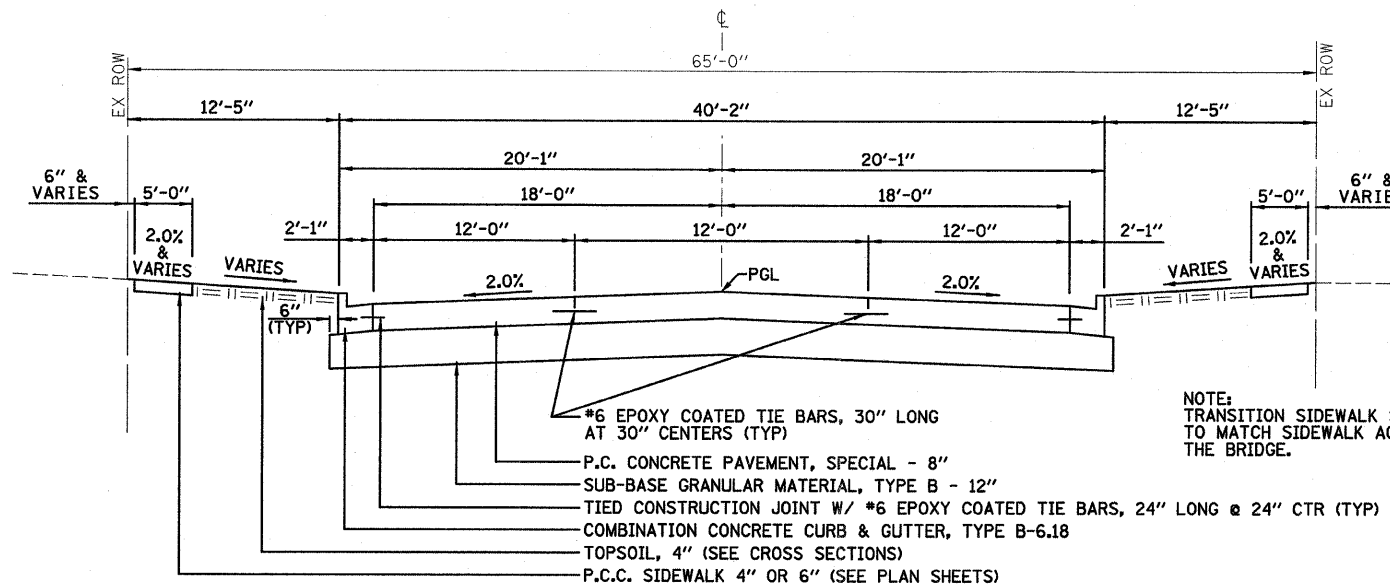


**EXISTING TYPICAL CROSS SECTION  
VIRGINIA AVENUE**



**PROPOSED TYPICAL CROSS SECTION  
VIRGINIA AVENUE**

STA 10+14.52 TO STA 15+39.05  
BRIDGE OMISSION STA 11+53.15 TO STA 12+75.28

- EXISTING**
- IRON ROD
  - ⊕ BENCHMARK
  - ⊕ SIGN
  - ⊕ MAILBOX
  - ⊕ STREET LIGHT
  - ⊕ POWER POLE
  - ⊕ DOWN GUY
  - ⊕ ELECTRIC HANDHOLE
  - ⊕ FIRE HYDRANT
  - ⊕ WATER VALVE
  - ⊕ GAS VALVE
  - ⊕ TELEPHONE PEDESTAL
  - ⊕ WOODEN POST
  - ⊕ CATCH BASIN
  - ⊕ INLET
  - ⊕ MANHOLE
  - ⊕ FLARED END SECTION
  - ⊕ TRAFFIC SIGNAL
  - ⊕ COMBINATION MASTARM
  - ⊕ EVERGREEN TREE
  - ⊕ TREE
  - ⊕ BUSH
  - RIGHT OF WAY LINE
  - CENTERLINE
  - - - CONTOUR
  - - - FENCE
  - SANITARY SEWER
  - STORM SEWER
  - WATERMAIN
  - OVERHEAD ELECTRIC
  - GASMAIN
  - FIBER OPTIC
  - UNDERGROUND ELECTRIC
  - UNDERGROUND TELEPHONE

**LEGEND**

- PROPOSED**
- ▬ COMBINATION CONCRETE CURB & GUTTER TYPE B6.18
  - ⊕ MANHOLE TY A
  - ▬ INLET, TY A
  - ▬ STORM SEWER
  - ▬ DUCTILE IRON SANITARY SEWER
  - ▬ WATER MAIN
  - ▬ FIRE HYDRANT
  - ▬ GATE VALVE
  - ▬ REDUCER
  - - - PROPOSED RIGHT OF WAY
  - ▬ CURB INLET OR MANHOLE
  - ▬ P.C. CONCRETE DRIVEWAY - 6"
  - ▬ TEMPORARY EASEMENT
  - ⊕ TREE TO BE REMOVED
  - ▬ SIDEWALK TO BE REMOVED
  - ▬ COMBINATION CURB & GUTTER TO BE REMOVED
  - ▬ SIDEWALK, P.C. CONCRETE - 4"
  - ▬ SIDEWALK, P.C. CONCRETE - 6"
  - ⊕ ITEM TO BE ADJUSTED
  - ▬ DRIVEWAY PAVEMENT OR PAVEMENT REMOVAL
  - ▬ HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
  - ▬ INCIDENTAL HOT-MIX ASPHALT SURFACING
  - ▬ DETECTABLE WARNING

**ABBREVIATIONS**

- |                        |                                 |                   |
|------------------------|---------------------------------|-------------------|
| CL CLASS               | OLID OPEN LID                   | TBR TO BE REMOVED |
| CLID CLOSED LID        | PGL PROFILE GRADE LINE          | TC TOP OF CURB    |
| D.I. DUCTILE IRON      | PRC PRECAST REINFORCED CONCRETE | TG TOP OF GRATE   |
| FES FLARED END SECTION | RJ RESTRAINED JOINT             | TL TRANSIT LINE   |
| FL FLOW LINE           | RW RESILIENT WEDGE              | TLID TOP OF LID   |
| FR FRAME               | SS STORM SEWER                  | T. RIM TOP OF RIM |
| GR GRATE               | TBA TO BE ABANDONED             | TY TYPE           |
| INL INLET              | TBF TRENCH BACKFILL             | TYP TYPICAL       |
| MH MANHOLE             |                                 |                   |

**VIRGINIA AVENUE  
DESIGN DESIGNATION**

FUNCTIONAL CLASSIFICATION: COLLECTOR  
2009 ADT: 4,500 ; 2029 ADT: 5,500  
T.F.=0.64  
PAVEMENT = 8" P.C. CONCRETE  
DESIGN SPEED: 35 MPH

**MIXTURE TABLE**

MIXTURE USE	INCIDENTAL HOT-MIX ASPHALT SURFACING
AC/PG	PG 64-22
RAP % (MAX)	10
DESIGN AIR VOIDS	4.0% @ NDES=90
MIX COMP (GRADATION)	IL-9.5
FRICTION AGGREGATE	MIX D

DESIGNED - JDA	REVISED -
DRAWN - DRR	REVISED -
CHECKED - PJM	REVISED -
DATE - 07/22/09	REVISED -

**TOWN OF NORMAL**

**TYPICAL CROSS SECTIONS AND LEGEND**

SCALE: SHEET NO. 6 OF 52 SHEETS STA. TO STA.

**VIRGINIA AVENUE OVER SUGAR CREEK  
SECTION 04-00226-00-BR  
MCLEAN, COUNTY**

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6356	04-00226-00-BR	MCLEAN	52	6
S.N. 057-7834			CONTRACT NO. 91416	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FARNSWORTH GROUP, INC.

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24-6082