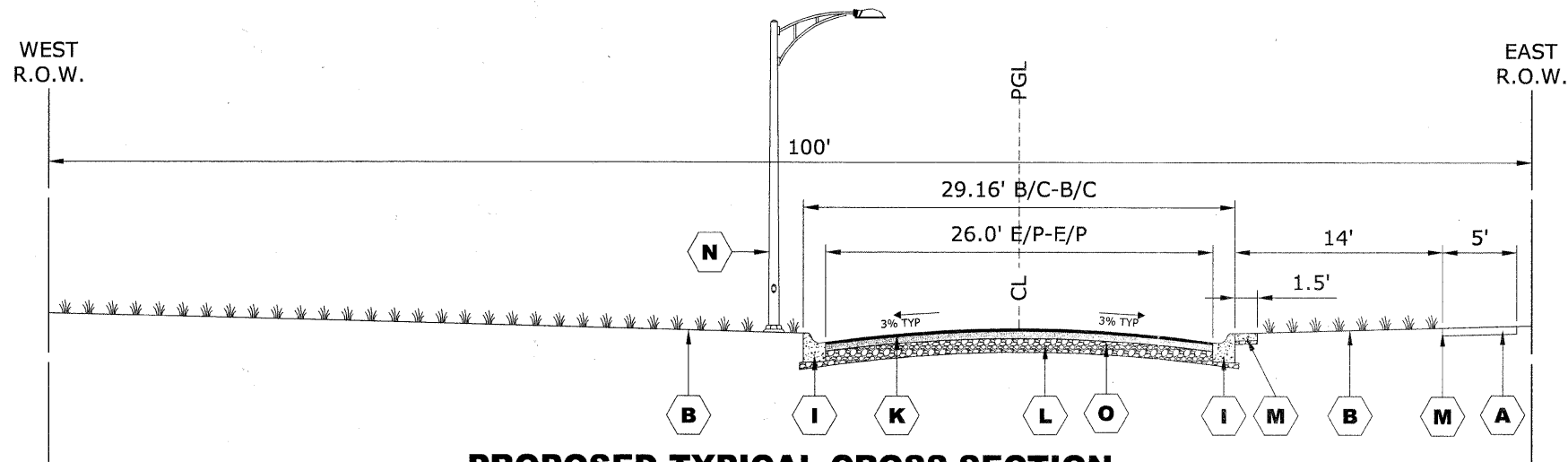


**EXISTING TYPICAL CROSS SECTION
CANFIELD ROAD
(STATION 0+71 TO STATION 26+24)**



**PROPOSED TYPICAL CROSS SECTION
CANFIELD ROAD
(STATION 0+71 TO STATION 26+24)**

ALL SIDEWALK TO BE ADA COMPLIANT
2% MAXIMUM CROSS SLOPE

HOT-MIX ASPHALT (HMA) MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5 1/4"	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 1 3/4"	4% @ 50 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 1 3/4"	4% @ 50 GYR.

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

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 MUST BE PLACED WITH A MINIMUM LIFT OF 2 1/4" AND AN INITIAL LIFT OF 3".

MAXIMUM LIFT OF ANY ANY HOT-MIX ASPHALT TO BE 3".

PAVEMENT CORE SUMMARY**

CORE	STATION	OFFSET	DEPTH OF ASPHALT
B-2	3+72	11' R OF CL	FOUR INCHES (4")
B-4	9+16	11' R OF CL	EIGHT INCHES (8")
B-6	14+56	11' R OF CL	SIX INCHES (6")
B-8	20+23	11' R OF CL	FIVE INCHES (5")
B-10	25+77	9' R OF CL	FOUR INCHES (4")

**CORES OBTAINED BY TSC CORP ON MARCH 25, 2011

SYMBOL	DESCRIPTION
A	EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5" (INTERMITTENT REMOVAL)
B	LANDSCAPED PARKWAY
C	COMBINATION CONCRETE CURB & GUTTER, TYPE M-3.12 TO BE REMOVED
D	AGGREGATE BASE (+-9")
E	HOT-MIX ASPHALT SURFACE (SEE PVT CORE SUMMARY FOR THICKNESS)
F	EARTH EXCAVATION TO ACCOMODATE WIDENING
G	EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"

SYMBOL	DESCRIPTION
H	STREET LIGHTS TO BE REMOVED
I	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED) OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
K	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7"
L	PROPOSED AGGREGATE BASE COURSE, TYPE B 12"
M	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL
N	PROPOSED STREET LIGHTS
O	GROUND STABILIZATION GEOSYNTHETIC

EARTHWORK TABLE			
LOCATION	REMOVAL & DISPOSAL MATERIAL (PGES) (CU YD)	EARTH EXCAVATION (CU YD)	TOTAL SUITABLE EXCAVATION (CU YD)
CANFIELD ROAD STA. 0+71 TO STA. 26+24	250	4,395	4,395
TOTALS	250	4,395	4,395

LOCATION	EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR 15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	WASTE (+)
CANFIELD ROAD STA. 0+71 TO STA. 26+24	0	0	4,395
TOTALS	0	0	4,395

Drawing file: W:\Projects\61210209 - Canfield Road Recon\5_TypeSec-CanfieldRoad.dwg Aug 11, 2011 - 1:47pm



◆ Civil Engineers
◆ Municipal Consultants
◆ Established 1911

9933 Roosevelt Road
Waukegan, Illinois 60154-2780
Phone: 708/865-9300
Fax: 708/865-1212

DESIGNED -	CB	REVISED -	
DRAWN -	LEV, DMM	REVISED -	
CHECKED -	JGG	REVISED -	
DATE -	7-1-2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2763	10-00061-00-RS	COOK	41	5
FIELD BOOK NO. 1552		CONTRACT NO. 63631		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.H.E. PROJECT NO. 612-10-20901