

## EAST WEST R.O.W. R.O.W 9.6'-10.6 9.6'-10.6' 0'-1:0' (5) 8.9' 12.0' 12.0 8.9 6 6 PARKING THRU LANE THRU LANE PARKING $\langle \mathbf{3} \rangle$ ⟨4`

# **EXISTING TYPICAL CROSS SECTION**

ST. CHARLES ROAD STATION 3+50 TO STATION 58+40

# **EXISTING TYPICAL CROSS SECTION**

19th AVENUE STATION 7+45 TO STATION 8+50 (SOUTH) STATION 9+50 TO STATION 10+50 (NORTH)

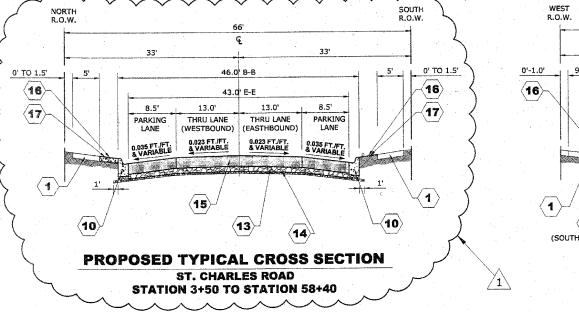
### NOTE:

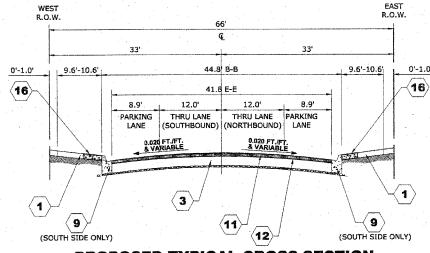
\*\*POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

### POROUS GRANULAR EMBANKMENT SUBGRADE LOCATIONS PER SOIL REPORT

	NORTH SIDE SOUTH SIDE						
LOCATION	WIDTH	DEPTH	WIDTH	DEPTH			
ST. CHARLES ROAD STA. 3+50 TO STA. 58+40	21.5'	0.75'	21.5'	0.75'			

	WEST	r SIDE	EAST SIDE		
LOCATION	WIDTH	DEPTH	WIDTH	DEPTH	
9TH AVENUE (NORTH)	19 25'	0.75'	19.25	0.75'	





# PROPOSED TYPICAL CROSS SECTION

19th AVENUE

STATION 7+45 TO STATION 8+50 (SOUTH) STATION 9+50 TO STATION 10+50 (NORTH)

## **TYPICAL CROSS SECTION LEGEND**

### **EXISTING CONDITIONS**

- 1 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 2 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (3) PORTLAND CEMENT CONCRETE BASE COURSE, APPROX. 13.5"
- 4 HOT MIX ASPHALT BINDER AND SURFACE COURSE, APPROX. 2"
- 5 GRASS PARKWAY
- 6 PORTLAND CEMENT CONCRETE PARKWAY
- 7 PAVEMENT REMOVAL, APPROX. 13.5"
- 8 HOT MIX ASPHALT BINDER AND SURFACE COURSE REMOVAL, APPROX. 2"

#### **PROPOSED CONDITIONS**

- 9 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
- (0) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 11 HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, (IL-9.5mm), 12"
- (12) LEVELING BINDER (MACHINE METHOD), N70, (IL-9.5mm), MINIMUM 🖥
- (13) AGGREGATE BASE COURSE, TYPE 8, 6"
- 14 BIAXIAL GEOGRID
- (15) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- 16 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 17 TOPSOIL FURNISH AND PLACE, 4" SODDING

### HOT-MIX ASPHALT (HMA) MIXTURE REQUIREMENTS

	ITEM	AIR VOIDS @ Ndes
	(NORTH & SOUTH) AND 9TH AVE. (SOUTH) INE METHOD), N70, (IL-9.5mm), 3/4"	4% @ 70 GYR.
HOT-MIX ASPHALT SURFA	ACE COURSE, MIX D, N70, (IL-9.5mm), 1½"	4% @ 70 GYR.
INCIDENTAL HOT-MIX ASP	PHALT SURFACING, MIX D, N70, (IL-9.5mm)	4% @ 70 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.

			NAME OF TAXABLE PARTY OF TAXABLE PARTY.				
LIANCOCK	USER NAME -	DESIGNED -	MK/SBC	REVISED			
ENCINEERING		DRAWN -	MK/LEV	REVISED	_		
Civil Engineers 793 Shoorest Road Westberg, Black 6934-279	PLOT SCALE -	CHECKED -	SBC/JG/MV	REVISED	_	1 0	2-23-10
♦ Municipal Consultants Plane 700 NBC	PLOT DATE -	DATE -	11-30-09	REVISED		IDOT REV. 1	2-22-09
	I		VIII				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE

			F.A.U. RTE.	- SECTIO	DN	COUNTY	TOTAL	SHEE NO.		
TYPICAL CROSS SECTIONS				1397	09-00129-0	00-₽V	COOK	103	7	
					 			CONTRACT	NO. 634	28
	SHEET NO. 1 OF	1 SHEETS	STA.	TO STA.	FED. RO	AD DIST. NO. 1 ILL	LINOIS FED.	AID PROJECT	M-9003 (	267)