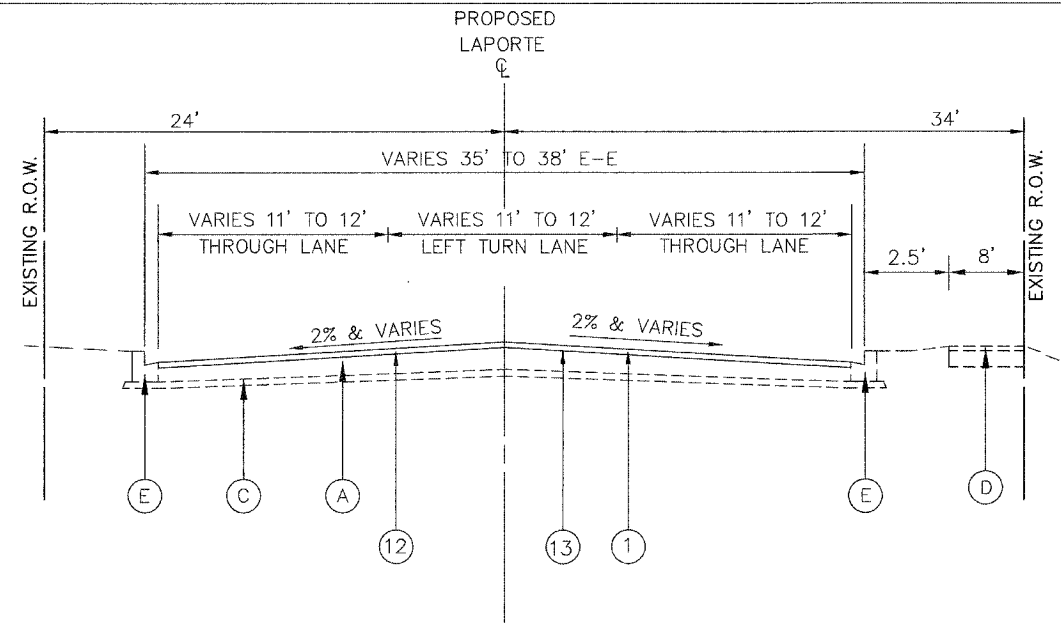
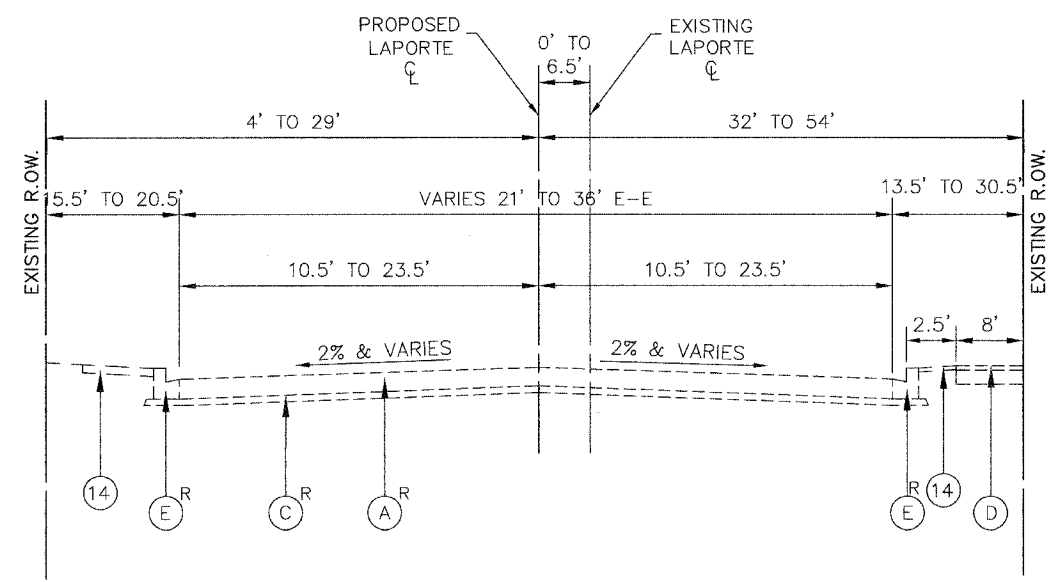


EXISTING TYPICAL SECTION - LAPORTE ROAD  
STA. 10+00 TO STA. 12+37

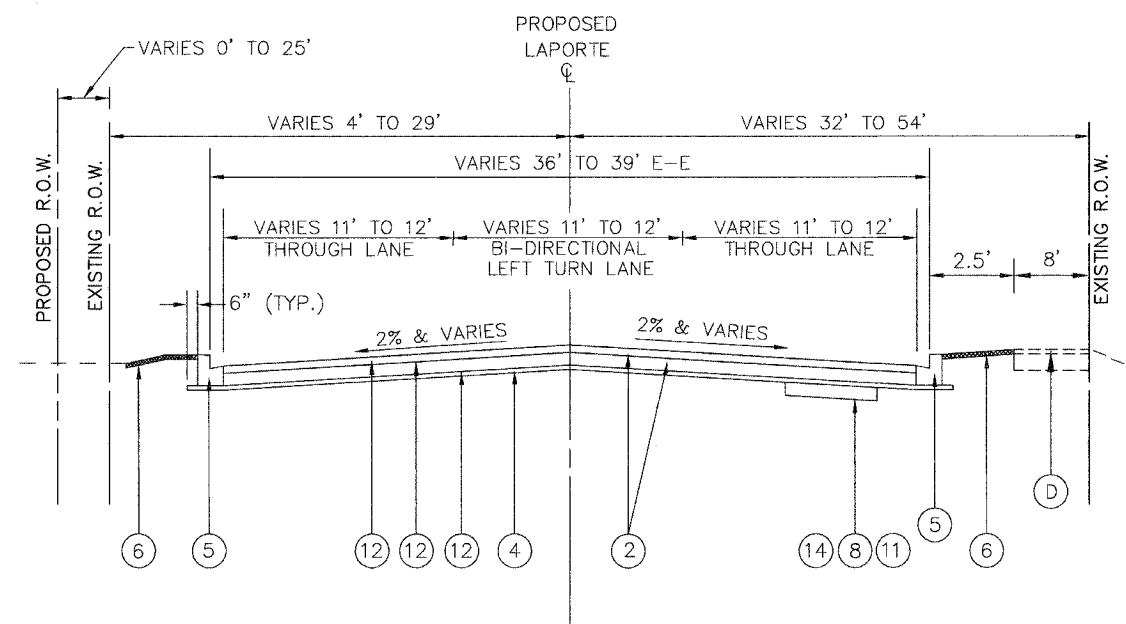


PROPOSED TYPICAL SECTION - LAPORTE ROAD  
STA. 10+00 TO STA. 12+37

BITUMINOUS MIXTURE REQUIREMENT			
ITEM	AC TYPE	VOIDS	RAP %
TEMPORARY PAVEMENT			
BIT. CONC. SURF. COURSE, SUPERPAVE, MIX D, N50 (2")	PG 64-22	4% @ 50 GYR.	15
BIT. BASE COURSE SUPERPAVE (4")	PG 58-22	2% @ 50 GYR.	50
CLASS D PATCHES, 9" (BINDER COURSE IL-19, N70)	PG 64-22	4% @ 70 GYR.	15
BIT. CONC. SURF. COURSE, SUPERPAVE, MIX "D", N70 (2")	PG 64-22	4% @ 70 GYR.	10
BIT. C PVT FD SUP 10" SURFACE COURSE MIX D, N70 (2") BINDER COURSE IL-19, N70 (8")	PG 64-22 PG 64-22	4% @ 70 GYR. 4% @ 70 GYR.	10 15
BIT. CONC. SURF. COURSE, SUPERPAVE, MIX "C", N50	PG 64-22	4% @ 50 GYR.	15
LEVELING BINDER (HAND METHOD) SUPERPAVE, N70	PG 64-22	4% @ 70 GYR.	10
POLYMERIZED LEVELING BINDER(MACHINE METHOD) SUPERPAVE, IL-4.75, N50 (3/4")	SBS/SBR PG 76-28	2.5% @ 50 GYR.	0
BITUMINOUS SHOULDERS SUPERPAVE 10 1/4"	PG 58-22	2% @ 30 GYR.	50
BITUMINOUS BASE COURSE, SUPERPAVE, (6" P.E. OR 8" C.E.)	PG 58-22	2% @ 50 GYR.	50



EXISTING TYPICAL SECTION - LAPORTE ROAD  
STA. 12+37 TO STA. 20+50



PROPOSED TYPICAL SECTION - LAPORTE ROAD  
STA. 12+37 TO STA. 20+50

THE UNIT WEIGHT USED TO CALCULATE BITUMINOUS SURFACE MIXTURES IS 112 LB/SY PER INCH THICKNESS.

STRUCTURAL DESIGN FACTOR:	YEAR 2020
PV = 11481	SU = 295 MU = 24
ROAD/STREET CLASSIFICATION:	CLASS III
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 97%	S = 2.5% M = 0.5%
TRAFFIC FACTOR: ACTUAL TF = 0.44	AC TYPE = PG64-22
MINIMUM TF =	
AC GRADE: BINDER = 64-XX	SURFACE = 64-XX
SUBGRADE SUPPORT RATING:	SSR = POOR

EXISTING LEGEND

- (A) BITUMINOUS CONCRETE PAVEMENT (VARIES 4" TO 9") (REMOVAL PAID FOR AS PAVEMENT REMOVAL)
- (B) AGGREGATE SHOULDER
- (C) AGGREGATE BASE COURSE (VARIES 4" TO 11") (REMOVAL PAID FOR AS EARTH EXCAVATION)
- (D) BITUMINOUS BICYCLE PATH
- (E) COMBINATION CONCRETE CURB & GUTTER, TYPE B.6-18
- (F) BITUMINOUS SURFACE REMOVAL, (VARIABLE DEPTH 1" - 2 3/4")
- R REMOVAL ITEM

PROPOSED LEGEND

- (1) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 2"
- (2) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 10" (BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 2") (BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70, 8")
- (4) SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- (5) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (6) TOPSOIL 4", FERTILIZER NUTRIENTS, SODDING
- (7) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (8) POROUS GRANULAR EMBANKMENT, SUBGRADE (AT UNDERCUT LOCATIONS ONLY)
- (9) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 2"
- (10) AGGREGATE BASE COURSE TYPE B 6"
- (11) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (12) BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- (13) POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50, IL-4.75, N50 (3/4")
- (14) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

**Clorba Group, Inc.**  
CONSULTING ENGINEERS  
5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656  
Tel. 773.775.4009 Fax 773.775.4014 Email chicago@clorba.com

VILLAGE OF MOKENA  
LAPORTE ROAD REHABILITATION

TYPICAL SECTIONS  
LAPORTE ROAD

DESIGN: MRJ  
DRAWN: JC/EB  
CHECKED: SNS

DATE: DEC. 2005  
SCALE: NOT TO SCALE  
FILE NO.: 3232

PLT: DA: 1/11/05 10:27:23 AM  
 FILENAME: N:\PROJECTS\Design\Misc\Sheet\3232-TYP-SECTION.dwg