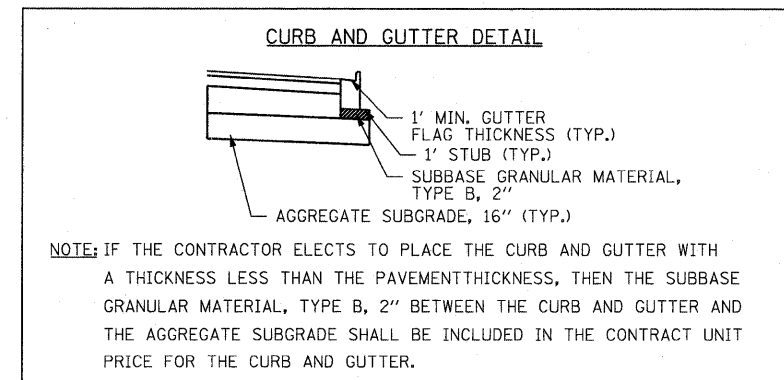
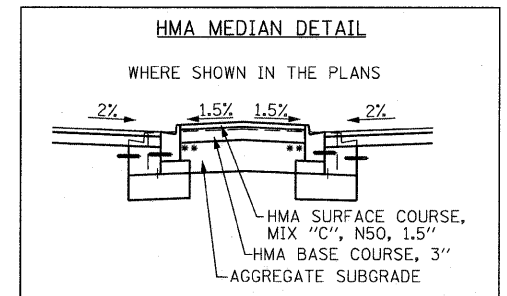
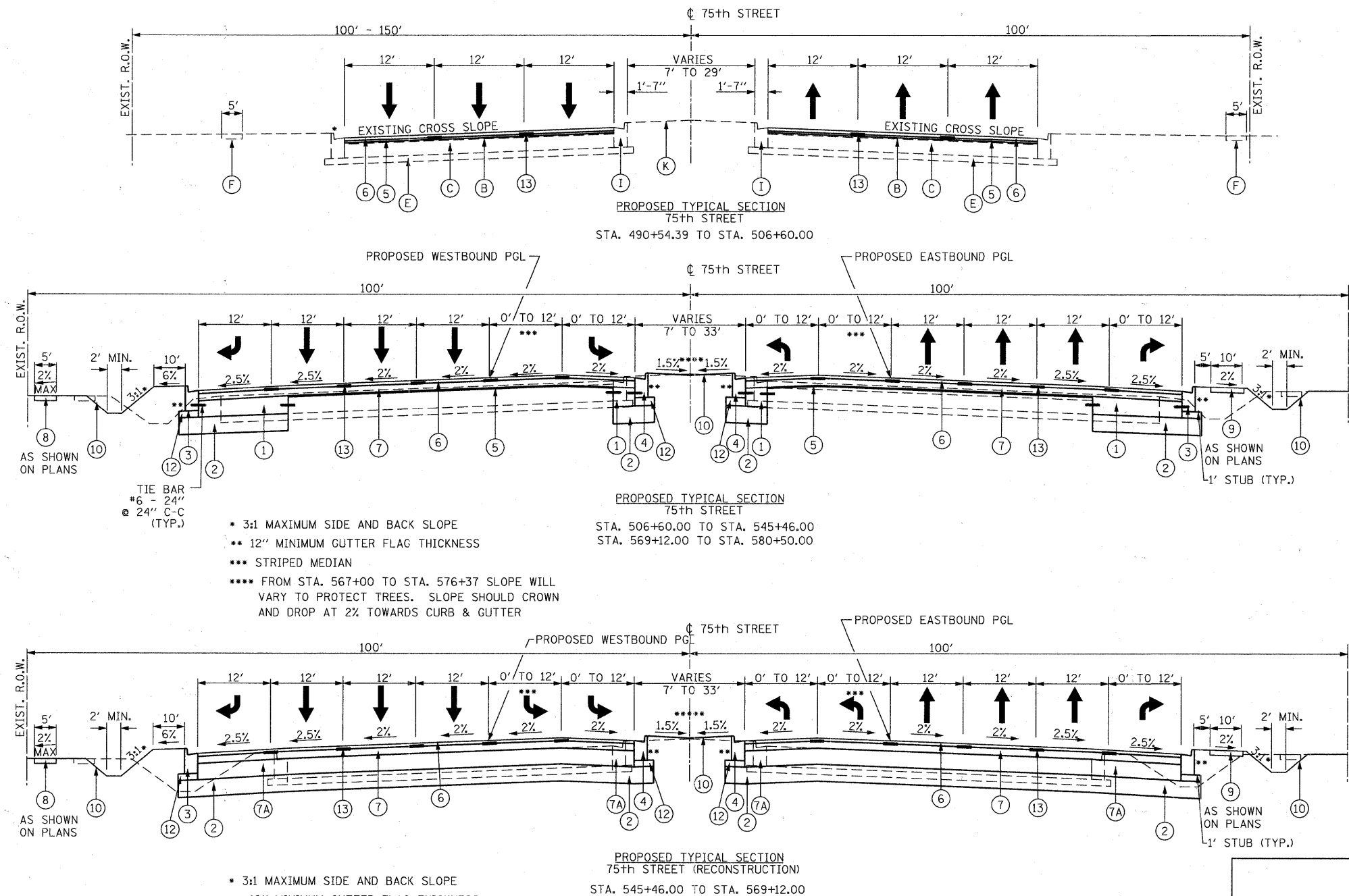


NOTE: DOWEL BARS ARE TO BE DRILLED AND GROUTED. THIS IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PCC BASE COURSE 9", PCC BASE COURSE WIDENING 9", CURB TYPE B, OR COMBINATION CURB AND GUTTER.



- 3:1 MAXIMUM SIDE AND BACK SLOPE
- ** 12" MINIMUM GUTTER FLAG THICKNESS
- *** STRIPED MEDIAN
- **** FROM STA. 567+00 TO STA. 576+37 SLOPE WILL VARY TO PROTECT TREES. SLOPE SHOULD CROWN AND DROP AT 2% TOWARDS CURB & GUTTER

- 3:1 MAXIMUM SIDE AND BACK SLOPE
- ** 12" MINIMUM GUTTER FLAG THICKNESS
- *** LEFT TURN LANES AND/OR STRIPED MEDIAN
- **** WHEN WIDENING WIDTH IS < 6'
- ***** FROM STA. 567+00 TO STA. 576+37 SLOPE WILL VARY TO PROTECT TREES. SLOPE SHOULD CROWN AND DROP AT 2% TOWARDS CURB & GUTTER

PAVEMENT DESIGN

ITEM	75TH STREET	
	FLEXIBLE	COMPOSITE
DESIGN TYPE	FLEXIBLE	COMPOSITE
STRUCTURAL DESIGN TRAFFIC (2020)	45,821	45,821
ROAD CLASSIFICATION	I	I
PASSENGER CARS	42,614	42,614
SINGLE UNITS	2,749	2,749
MULTIPLE UNITS	458	458
TRAFFIC FACTOR	4.71	5.74
DESIGN THICKNESS	1.75+2.25+9.0	1.75+2.25+9.0

THICKNESS = (HMA SURF + HMA BINDER + PCC BASE COURSE)

NOTE: IF THE CONTRACTOR ELECTS TO PLACE THE CURB AND GUTTER WITH A THICKNESS LESS THAN THE PAVEMENT THICKNESS, THEN THE SUBBASE GRANULAR MATERIAL, TYPE B, 2" BETWEEN THE CURB AND GUTTER AND THE AGGREGATE SUBGRADE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE CURB AND GUTTER.

DESIGN DESIGNATION
 DESIGN SPEED: 75TH STREET = 45 MPH (45 MPH POSTED)
 LEMONT ROAD = 40 MPH (40 MPH POSTED)
 DUNHAM ROAD = 30 MPH (25 MPH POSTED)
 2020 ADT: 75TH STREET 45,821 (WEST LEG), 41,153 (EAST LEG)
 LEMONT ROAD 35,199 (NORTH LEG), 34,533 (SOUTH LEG)
 2030 ADT: DUNHAM ROAD 8,480 (NORTH LEG), 6,806 (SOUTH LEG)

- PROPOSED
- ① P.C.C. BASE COURSE, 9"
 - ② P.C.C. BASE COURSE WIDENING, 9" ****
 - ③ AGGREGATE SUBGRADE, 16"
 - ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 **
 - ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.12 **
 - ⑥ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" AND VARIES
 - ⑦ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
 - ⑧ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
 - ⑨ HOT-MIX ASPHALT BASE COURSE, 9"
 - ⑩ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - ⑪ BITUMINOUS BIKE PATH (2" HMA SURFACE COURSE + 4" AGGREGATE BASE COURSE, TYPE B)
 - ⑫ TOPSOIL PLACEMENT 6" AND SODDING (SALT TOLERANT) OR SODDING
 - ⑬ SB-9.12 CONCRETE CURB & GUTTER BARRIER MEDIAN
 - ⑭ SUBBASE GRANULAR MATERIAL, TYPE B, 2"
 - ⑮ STRIP REFLECTIVE CRACK CONTROL TREATMENT, 2'

FILE NAME = f:\451-030 75th st suppage.dwg; user: gwallinger; date: 9/7/2011; time: 10:00:00 AM

B	Bollinger, Lach & Associates, Inc. ITASCA, ILLINOIS	USER NAME = gwallinger	DESIGNED - GJE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS 75TH STREET		F.A.P. RTE. 0369	SECTION 07-00232-04-WR	COUNTY DuPAGE	TOTAL SHEETS 198	SHEET NO. 12
		PLOT SCALE = 5/8" = 1' / IN.	CHECKED - JP	REVISED -		SCALE: NONE	SHEET NO. 12 OF 198 SHEETS	STA. TO STA.	CONTRACT NO. 63632		ILLINOIS FED. AID PROJECT	
		PLOT DATE = 9/7/2011	DATE = 9/08/11	REVISED -								