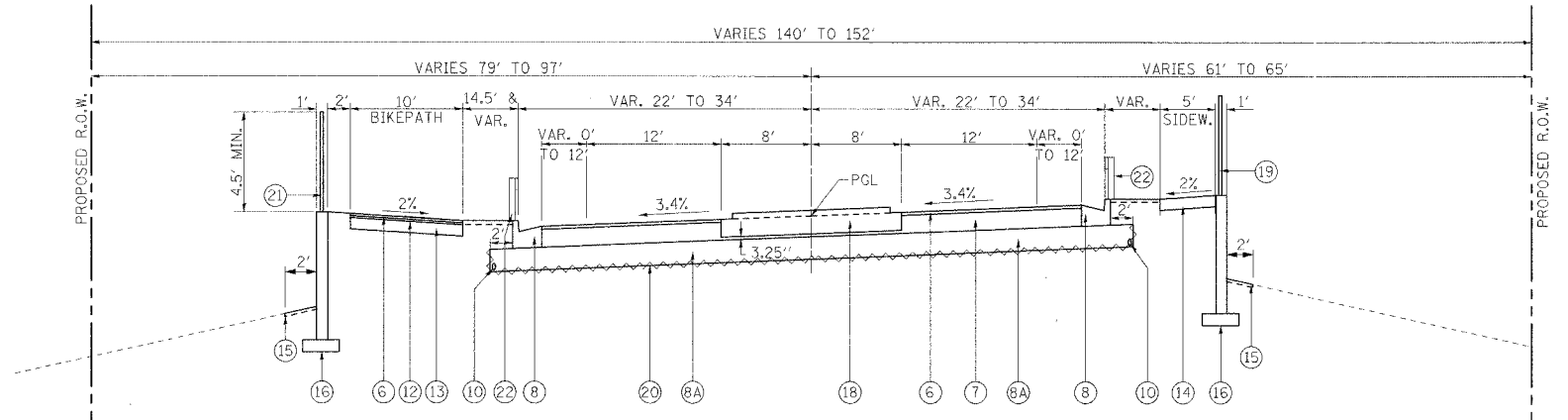


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2666	00-00254-01-BR	LAKE	70	7
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

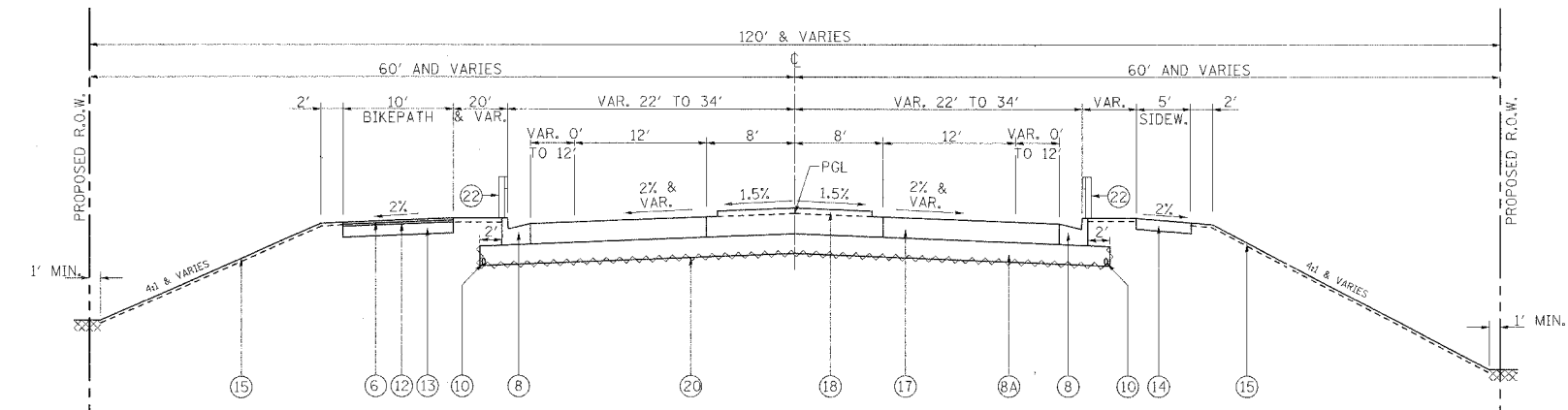
PROJECT NO. BHM-8003(213)
CONTRACT NO. 83875

PROPOSED LEGEND

- ⑥ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX "D", N70, 2"
- ⑦ PROPOSED BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL-19.0, N70, 1 1/4"
- ⑧ PROPOSED B-6.24 CONCRETE CURB AND GUTTER
- ⑧A AGGREGATE SUBGRADE 12"
- ⑩ PROPOSED PIPE UNDERDRAIN, 4" (MODIFIED) (X6013600)
- ⑫ PROPOSED BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL-19.0, N70, 1 3/4"
- ⑬ PROPOSED AGGREGATE BASE COURSE, TYPE A (SPECIAL) 6"
- ⑭ PROPOSED PCC SIDEWALK, 5"
- ⑮ PROPOSED FURNISHING AND PLACING TOPSOIL, 4"
- ⑯ PROPOSED MSE WALL
- ⑰ PROPOSED PCC PAVEMENT, 9 1/4"
- ⑱ CONCRETE MEDIAN, TYPE M-2.12
- ⑲ PROPOSED PEDESTRIAN RAILING
- ⑳ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ㉑ BICYCLE RAILING
- ㉒ TRAFFIC BARRIER TERMINAL (SEE SHEET 14 OF 70 FOR TYPE & LOCATION)



PROPOSED BUFFALO GROVE ROAD NORTH OF INDIAN CREEK
FULL SUPERELEVATION STA. 104+78.00 TO STA. 105+35
TRANSITION SECTION FROM STA. 102+51.27 TO STA. 104+78.00
TRANSITION SECTION FROM STA. 105+35.00 TO STA. 107+57.00 (END OF IMPROVEMENT)
MSE WALL ENDS AT STA. 104+30 ON THE WEST
MSE WALL ENDS AT STA. 104+70 ON THE EAST



PROPOSED BUFFALO GROVE ROAD SOUTH OF INDIAN CREEK
STA. 98+50 TO 100+48.73

SUPERPAVE TABLE

LOCATION	ITEM	PG:	RAP%	DESIGN A.R. VOIDS
ROADWAY & BIKE PATH: STA. 102+51.27 TO STA. 107+57.00	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	PG 64-22	10%	4% @ 70 GYR
ROADWAY & BIKE PATH: STA. 102+51.27 TO STA. 107+57.00	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70	PG 64-22	15%	4% @ 70 GYR
TEMPORARY PAVEMENT	BITUMINOUS BASE COURSE, SUPERPAVE, 10"	PG 58-22	50%	2% @ 50 GYR

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

STRUCTURAL DESIGN TRAFFIC:	Year 2015
PV=	28,644 (96%) SU= 59T (2%) MU= 59T (2%)
ROAD/STREET CLASSIFICATION:	Class 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P= 96% S= 2% M= 2%
TRAFFIC FACTOR:	Actual TF= 3.72 AC Type=
	Minimum TF= 0.50
PG GRADE:	Binder= PG 64-22 Surface= PG 64-22
SUBGRADE SUPPORT RATING:	SSR= POOR (Sta. to)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
BUFFALO GROVE ROAD

SCALE: VERT.: N.T.S.
HORIZ.: N.T.S.
DATE: 7/21/06

DRAWN BY: SNH
CHECKED BY: PWK



PLAN	DATE

PROFILE	DATE

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