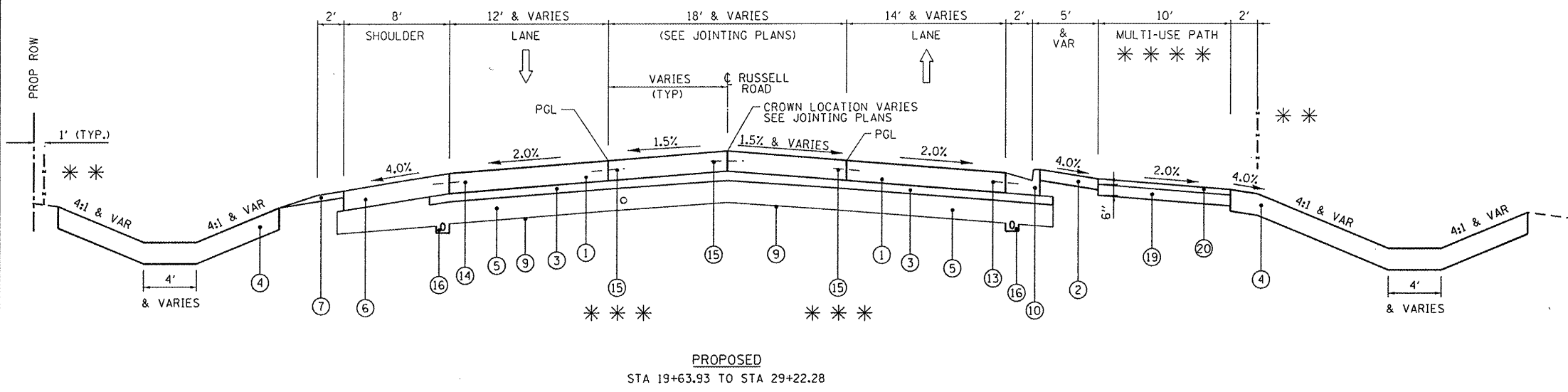
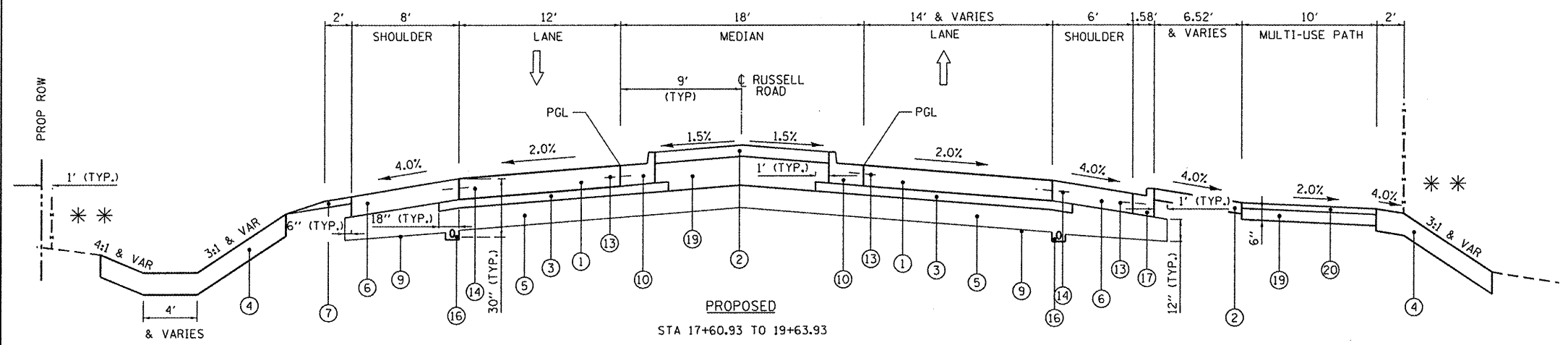


PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
- ② STAMPED COLORED P.C.C. MEDIAN SURFACE 6 INCH
- ③ STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2"
- ④ TOPSOIL EXCAVATION AND PLACEMENT (1')
- ⑤ AGGREGATE SUB-GRADE IMPROVEMENT, 12"
- ⑥ PORTLAND CEMENT CONCRETE SHOULDERS, 11"
- ⑦ AGGREGATE SHOULDER, 6", TYPE B
- ⑧ STAMPED COLORED P.C.C. MEDIAN SURFACE 13 INCH
- ⑨ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑩ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑪ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS
- ⑫ LONGITUDINAL KEYED CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF STAMPED COLORED P.C.C. MEDIAN SURFACE 13 INCH (SPECIAL))
- ⑬ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB. CONC. CURB & GUTTER TYPE)
- ⑭ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SHOULDERS, 11")
- ⑮ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED))
- ⑯ PIPE UNDERDRAIN, 4"
- ⑰ COMBINATION CURB & GUTTER, TYPE B-6.12
- ⑱ CONCRETE MEDIAN, TYPE SM
- ⑲ AGGREGATE BASE COURSE, TYPE B
- ⑳ HOT MIX ASPHALT SURFACE COURSE MIX "D", N50 (3")
- ㉑ HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL
- ㉒ COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.12 (SPECIAL)



* * ORNAMENTAL FENCE:
 STA 18+30 TO 22+72 (LT)
 STA 18+40 TO 19+45 (RT)
 STA 20+28 TO 22+03 (RT)

* * * STA 19+49.35 TO 24+62.68 (LT)
 STA 19+61.74 TO 24+62.68 (RT)

* * * * MULTI-USE PATH ENDS AT STA 24+22.55

RUSSELL ROAD - STRUCTURAL PAVEMENT DESIGN BLOCK

STRUCTURAL DESIGN TRAFFIC:	YEAR 2021
PV= 2,663	SU= 380
ROAD/STREET CLASSIFICATION:	MU= 761
P= 50%	S= 50%
TRAFFIC FACTOR:	CLASS II
ACTUAL TF= 4.84	M= 50%
MINIMUM TF= NONE	AC TYPE= N/A
SUBGRADE SUPPORT RATING: SSR= POOR	

NOTE: LAKE COUNTY SPECIFIED THE 11" THICKNESS FOR THIS PAVEMENT AS IT IS BEING JURISDICTIONALLY TRANSFERRED TO THEM.

NOTE: ANY PLAN REFERENCE TO "STAMPED COLORED P.C.C. MEDIAN SURFACE (SPECIAL)" SHALL MEAN "STAMPED COLORED P.C.C. MEDIAN SURFACE".

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

FILE NAME = #FILES#	USER NAME = default	DESIGNED - JGR	REVISED - 4/16/12 RGR
		DRAWN - JGR	REVISED -
PLOT SCALE = #SCALE#		CHECKED - RGR	REVISED -
PLOT DATE = 4/16/2012		DATE - 03/09/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.
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F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1(HB & HB-1)R	LAKE	225	9
CONTRACT NO. 60L76			ILLINOIS FED. AID PROJECT	

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