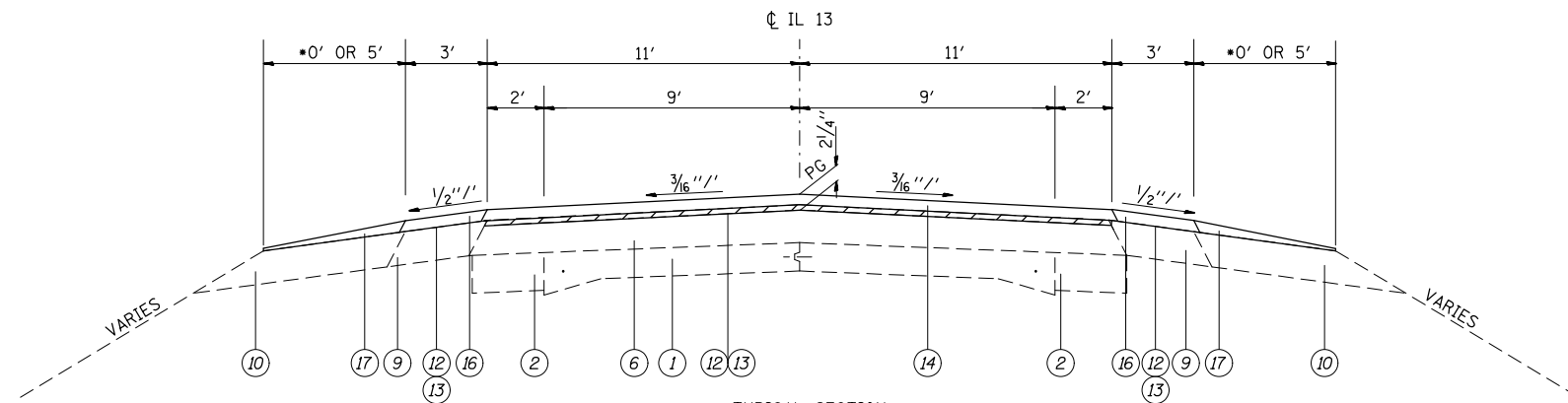
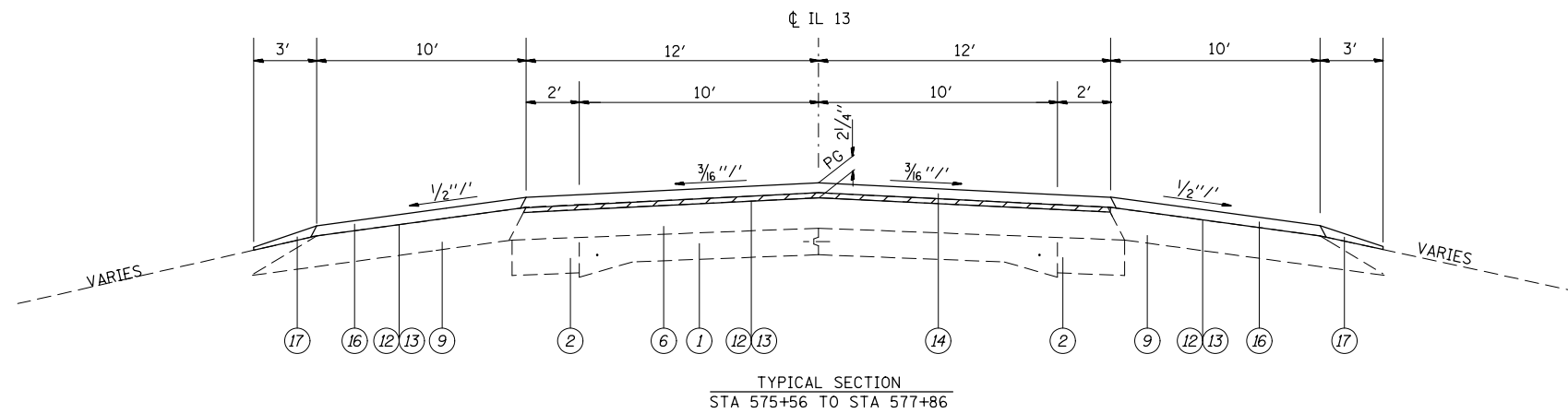


LEGEND

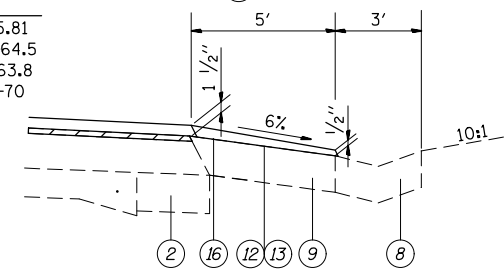
- ① EXISTING PCC PAVEMENT (9'-6"-9')
- ② EXISTING PCC BASE COURSE 10"
- ③ EXISTING HMA BASE COURSE 11"
- ④ EXISTING HMA BINDER CSE 12"
- ⑤ EXISTING HMA BASE COURSE WIDENING 9"
- ⑥ EXISTING HMA OVERLAY
- ⑦ EXISTING CONCRETE CURB & GUTTER
- ⑧ EXISTING CONCRETE GUTTER, TYPE A
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING CONCRETE SHOULDER
- ⑫ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑬ PROPOSED AGGREGATE (PRIME COAT)
- ⑭ PROPOSED HMA SURFACE COURSE, 2 1/4"
- ⑮ OMITTED
- ⑯ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

-HMA SURFACE REMOVAL - 3/4"

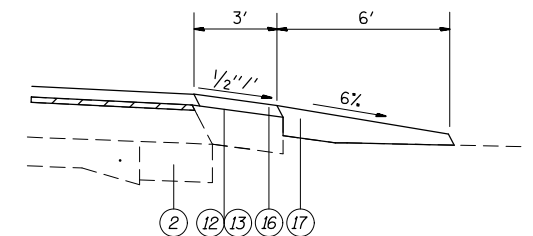


•0' LOCATIONS:
 STA 577+86 TO STA 585+75.81 LT & RT
 STA 646+31.59 TO STA 669+35 LT
 STA 794+75.12 TO STA 828+70 LT

TYPICAL SECTION
 STA 577+86 TO STA 585+75.81
 STA 597+10.97 TO STA 637+64.5
 STA 638+38.5 TO STA 737+63.8
 STA 738+24.7 TO STA 828+70



DETAIL OF GUTTER SECTION
 STA 658+14 TO STA 661+36 RT
 STA 665+64 TO STA 669+35 LT (REVERSED)



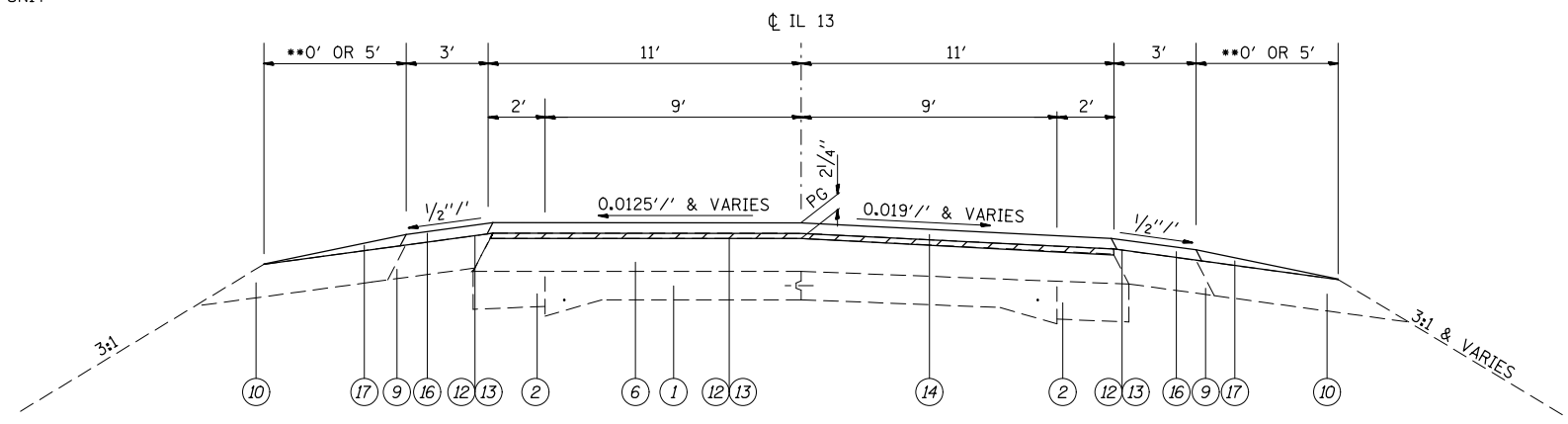
SHOULDER DETAIL
 STA 625+79 TO STA 635+35 RT

MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE COURSE	PATCHING	INCIDENTAL SURFACE	HOT-MIX ASPHALT SHOULDERS ≥ 2.25"	HOT-MIX ASPHALT SHOULDERS < 2.25"
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROV	SEE SPECIAL PROV	SEE SPECIAL PROV	SEE CONTRACT RAP SPECIAL PROV	SEE CONTRACT RAP SPECIAL PROV
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	**2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION					
(GRADATION MIXTURE)	IL 9.5	IL 19.0 F.G.		NMAS 3/4"	NMAS 1/2"
FRICTION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "D"		

**TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.



TYPICAL SECTION
 STA 585+75.81 TO STA 589+71.7
 STA 590+69.8 TO STA 597+10.97

••0' LOCATIONS:
 STA 595+80.97 TO STA 597+10.97

•EXISTING PCC PAVEMENT (9'-6"-9') HAS LONGITUDINAL METAL JOINT WITH TIE BARS AT 30' CENTERS AND 3/4" REINFORCEMENT BARS ALONG THE EDGE BEAM.

FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -
et:\pw\work\p\midot\challandeske\d0115523\0876E88-sh-typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -
PLOT DATE = 3/22/2013		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N/A SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	6
CONTRACT NO. 76E88				
ILLINOIS FED. AID PROJECT				