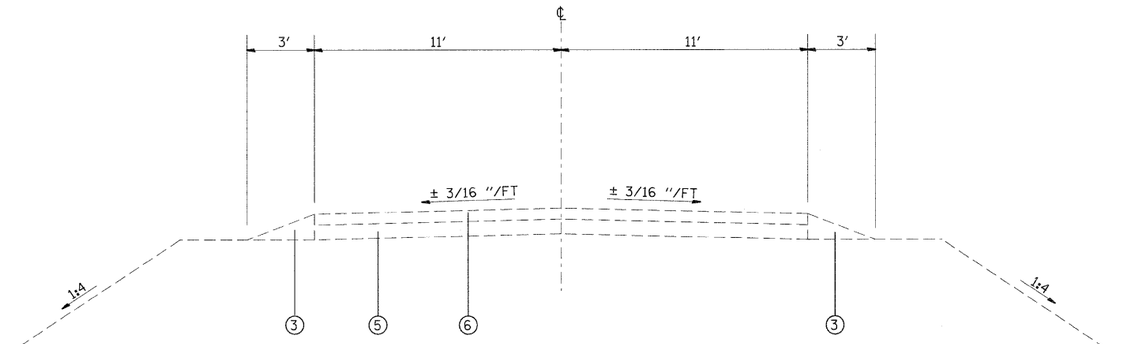
MIXTURE REQUIREMENTS

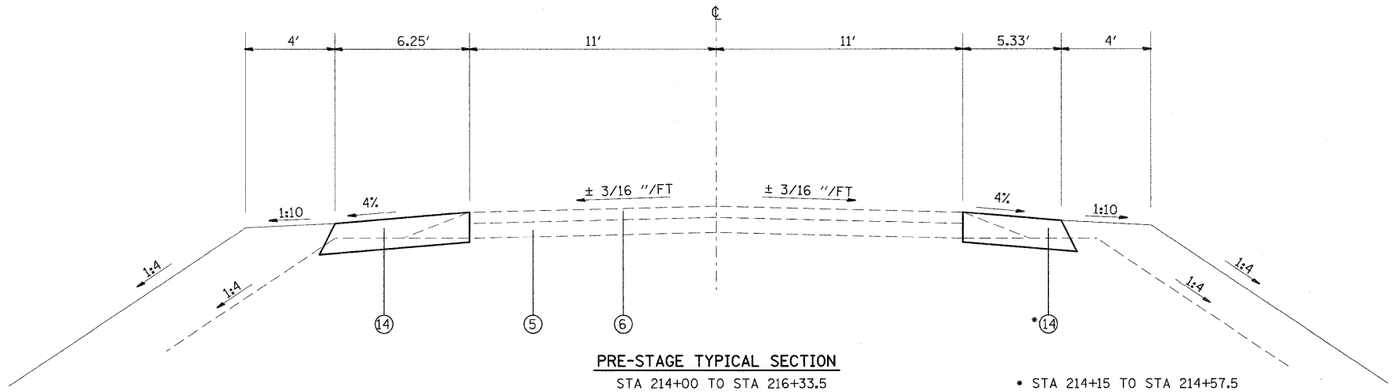
MIXTURE USE	SURFACE COURSE	INCIDENTAL SURFACE	BINDER COURSE	HOT-MIX ASPHALT SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROV	SEE SPECIAL PROV	SEE SPECIAL PROV	SEE SPECIAL PROV
DESIGN AIR VOIDS	4.0%@Ndes=70	4.0%@Ndes=70	4.0%@Ndes=70	SEE SPECIAL PROV
MIX COMPOSITION				2.0%@Ndes=30
(GRADATION MIXTURE)	IL 9.5		IL 19.0	
FRICTION AGG	MIXTURE "C"	MIXTURE "C"	MIXTURE "B"	BAM

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.

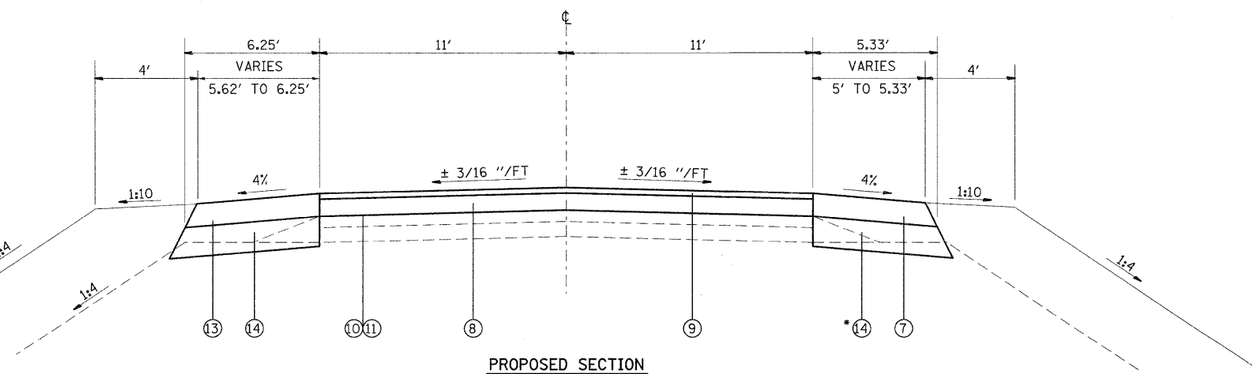


EXISTING SECTION
STA 214+57.5 TO STA 216+33.5
STA 216+66.5 TO STA 219+17.5



PRE-STAGE TYPICAL SECTION
STA 214+00 TO STA 216+33.5
STA 216+66.5 TO STA 219+17.5

* STA 214+15 TO STA 214+57.5



PROPOSED SECTION
STA 214+57.5 TO STA 215+86.5
STA 217+13.5 TO STA 219+17.5

* STA 214+15 TO STA 214+57.5

LEGEND

1. EXISTING OIL AND CHIP
2. EXISTING BITUMINOUS SURFACE TREATMENT, CLASS A-1
3. EXISTING AGGREGATE SHOULDERS
4. EXISTING EARTH SHOULDERS
5. EXISTING AGGREGATE SURFACE COURSE, TYPE 1 4"
6. EXISTING OIL AND CHIP ± 3"
7. PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
8. PROPOSED HOT-MIX ASPHALT BINDER COURSE - 2 1/4" AND VARIES
9. PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2" AND VARIES
10. PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
11. PROPOSED AGGREGATE (PRIME COAT)
12. PROPOSED AGGREGATE SHOULDERS
13. PROPOSED HOT-MIX ASPHALT SHOULDERS, VARIES 0 TO 15 3/4"
14. PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 9"

LEFT SHOULDER
STA 214+00 TO STA 215+86.5
STA 217+13.5 TO STA 219+17.5

RIGHT SHOULDER
STA 214+15 TO STA 214+57.5
STA 217+13.5 TO STA 219+17.5

NOTE: NOT TO SCALE

FILE NAME = c:\pw_work\pwidot\tharpr1\dms52692\D876412-sht-typical.dgn	USER NAME = tharpr1	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
SN 031-0011(E) 0040(P), SECTION 1-2BR

SCALE: | SHEET NO. 1 OF 2 SHEETS | STA. 214+57.5 TO STA. 219+17.5

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
739	1BR, 1-2BR, 401-2BR	GREENE	150	70
		CONTRACT NO. 76410		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		