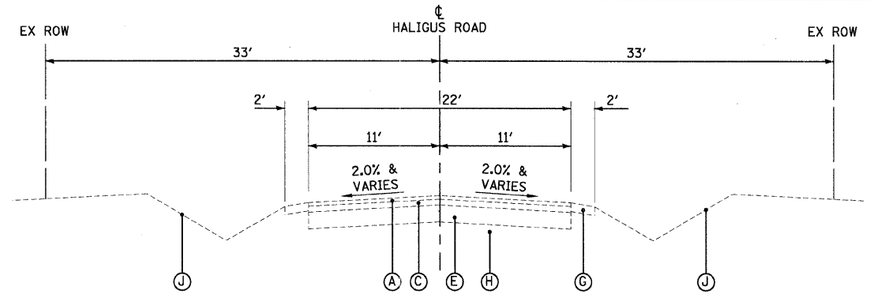
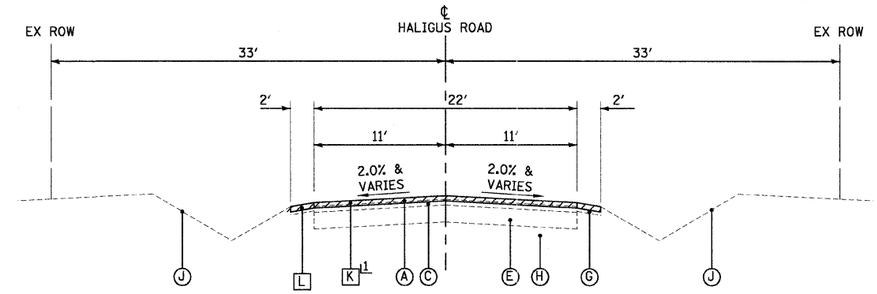
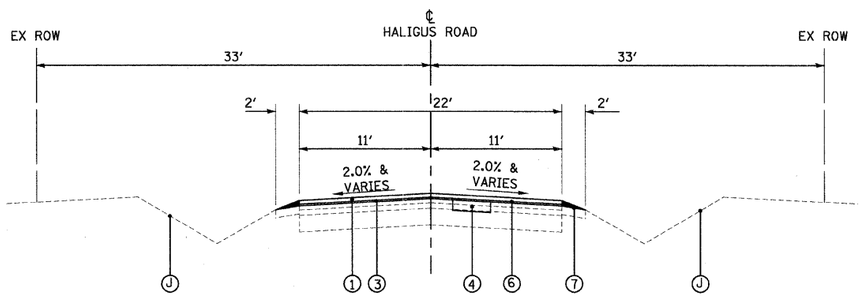


EXISTING TYPICAL SECTION
HALIGUS ROAD
STA. 8+15 TO STA. 22+50

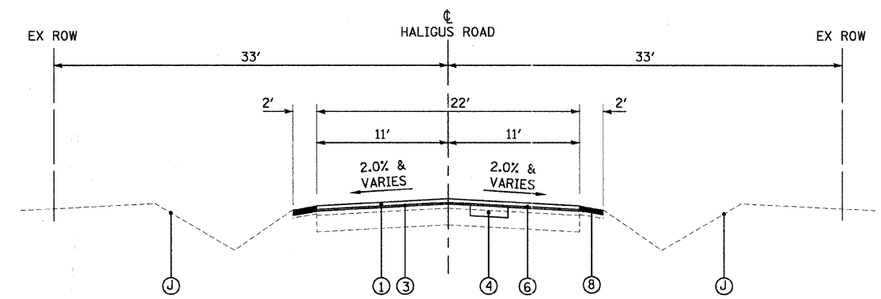


1 TRANSITION MILLING FROM 0″ AT STA. 22+50 TO 2 1/2″ AT STA. 24+50 SEE BELOW

EXISTING TYPICAL SECTION
HALIGUS ROAD
STA. 22+50 TO STA. 26+45



PROPOSED TYPICAL SECTION
HALIGUS ROAD
STA. 8+15 TO STA. 22+50



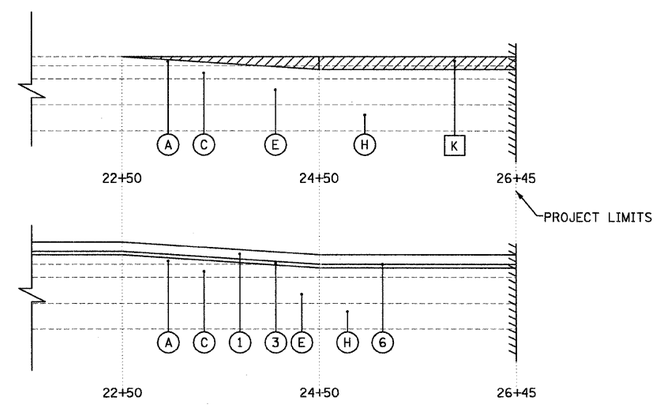
PROPOSED TYPICAL SECTION
HALIGUS ROAD
STA. 22+50 TO STA. 26+45

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1″ - 1 3/4″
- (B) HOT-MIX ASPHALT SURFACE COURSE, 1″ - 6 3/4″
- (C) HOT-MIX ASPHALT BINDER COURSE, 2″ - 4 1/2″
- (D) HOT-MIX ASPHALT BINDER COURSE, 1 1/2″ - 3″
- (E) UNCRUSHED GRAVEL AND SAND, 8 3/4″ - 19 3/4″
- (F) CRUSHED GRAVEL, 10 1/4″ - 16 1/2″
- (G) AGGREGATE SHOULDER, 4″±
- (H) EXISTING SUB-GRADE
- (J) GROUND SURFACE
- [K] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2″
- [L] AGGREGATE SHOULDER REMOVAL, 2 1/2″ (NOT PAID FOR SEPARATELY)
- ▨ ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 1 3/4″
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4″
- (3) LEVELING BINDER (MACHINE METHOD), N50 - 3/4″ MIN.
- (4) CLASS D PATCHES, TYPE II - IV, 5-INCH
- (5) CLASS D PATCHES, TYPE II - IV, 7-INCH
- (6) AREA REFLECTIVE CRACK CONTROL TREATMENT
- (7) AGGREGATE SHOULDERS, TYPE B - 0″ - 2 1/2″
- (8) AGGREGATE SHOULDERS, TYPE B - 2 1/2″



HOT-MIX ASPHALT SURFACE REMOVAL AND RESURFACING DETAIL
HALIGUS ROAD STA. 22+50 TO STA. 26+45

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	VOIDS
RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm); 1 3/4″	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 1 3/4″	PG 64-22	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50	PG 64-22•/58-22	4% @ 50 GYR
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19mm); TYPE II-IV - 5 INCH, TYPE II-IV - 7 INCH	PG 64-22•/58-22	4% @ 70 GYR
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 1 3/4″	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 1 3/4″	PG 64-22	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50; 3/4″	PG 64-22•/58-22	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN
• WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

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BAXTER & WOODMAN Consulting Engineers

DESIGNED - REW	REVISED - 1-20-09 - IDOT REVIEW	
DRAWN - UKB	REVISED -	
CHECKED - RWL	REVISED -	
DATE - 12-08-08	REVISED -	

VILLAGE OF LAKEWOOD, ILLINOIS
HALIGUS ROAD AND HUNTLEY ROAD STP (LAPP) IMPROVEMENTS

TYPICAL SECTIONS, HMA MIXTURE REQUIREMENTS AND DETAIL

SCALE: NONE | STA: | TO STA:

•F.A.U. 3869 HALIGUS ROAD AND F.A.U. 0118 HUNTLEY ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	08-00010-00-RS	McHENRY	17	4
FED. ROAD DIST. NO. 1		CONTRACT NO. 63145		
C-91-207-09	ILLINOIS	FED. AID PROJECT M-9003 (175)		