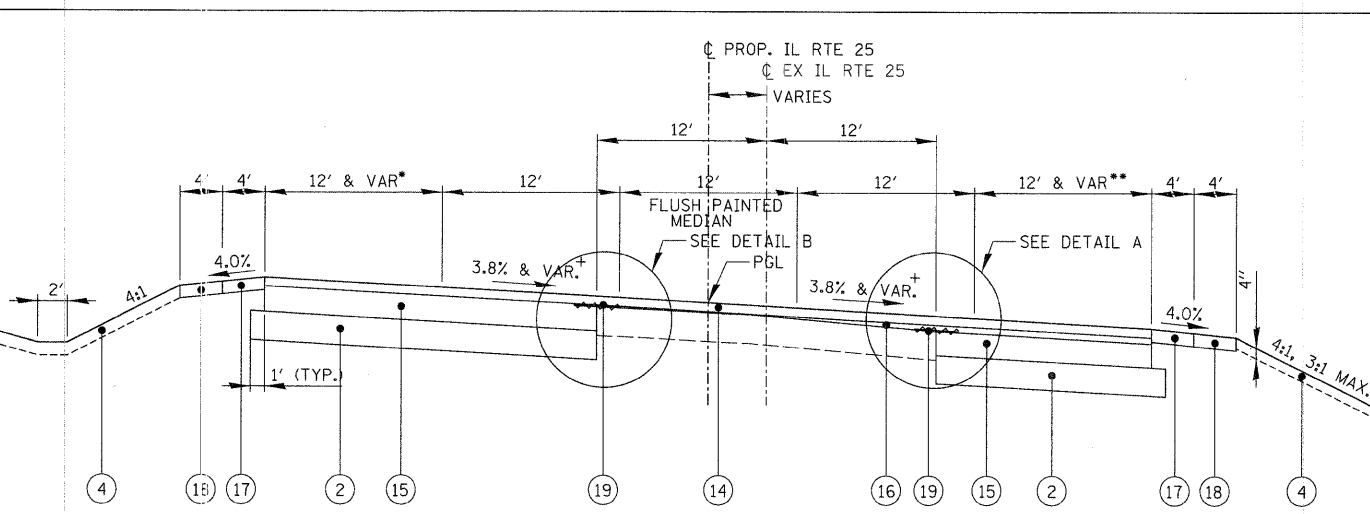


**STA. 35 + 06.29 TO STA. 36 + 26.56**

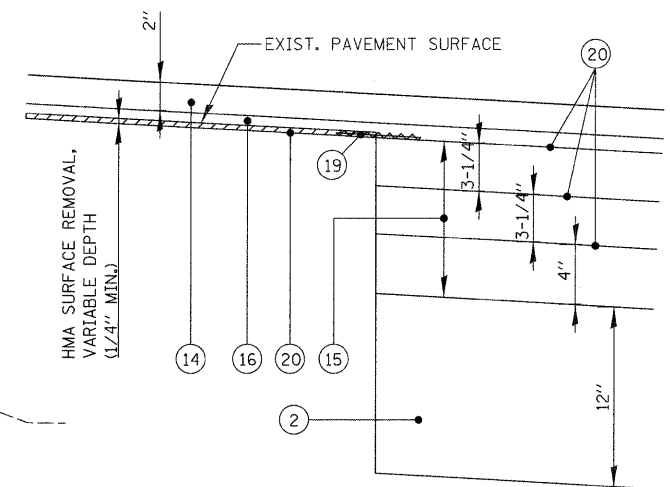


**IL ROUTE 25  
STA. 26 + 30.58 TO STA. 36 + 26.56 (MEET CONTRACT 63074)**

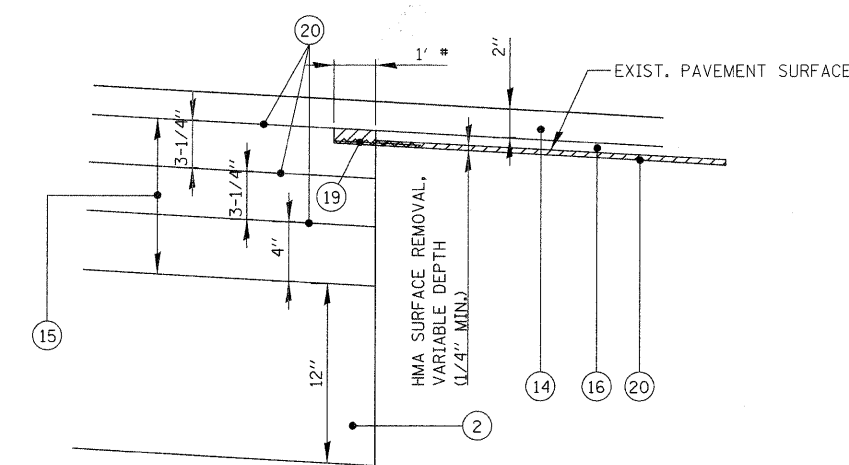
- + S.E. TRANSITION  
NC STA. 26+30.58  
FS STA. 27+91.53  
FS STA. 32+35.29  
NC STA. 33+96.24
- \* TRANSITIONS FROM 16' TO 12' AND 12' TO 2.60', STA. 31+81.76 TO STA 32+70.44 AND STA 34+70.00 TO STA. 36+26.56
- \*\* TRANSITIONS FROM 12' TO 2.60', STA. 32+70.44 TO STA 36+26.56

- LEGEND**
- 1 PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)  
(ALL REQUIRED JOINTS INCLUDED IN COST)
  - 2 AGGREGATE SUBGRADE 12"
  - 3 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - 4 TOPSOIL  
SEEDING (SEE LANDSCAPING PLAN FOR CLASS)  
EROSION CONTROL BLANKET (SEE ESC PLAN FOR TYPE)
  - 5 CONCRETE MEDIAN SURFACE, 4 INCH
  - 6 CONCRETE MEDIAN, TYPE SB (SPECIAL)
  - 7 SUBBASE GRANULAR MATERIAL TYPE C
  - 8 UNDERCUT AND PROPOSED GRANULAR EMBANKMENT SUBGRADE  
(ASSUMED 12", ACTUAL DEPTH BASED ON FIELD CONDITIONS)
  - 9 HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 2"
  - 10 AGGREGATE BASE COURSE TYPE B, 6"
  - 11 TIE BARS (INCLUDED IN COST OF COMB CC&G TY. B-6.24 OR CONC MED TSB SPL)
  - 12 SAWED LONGITUDINAL JOINT (INCLUDED IN COST OF PCC PVT 10 JOINTED)
  - 13 LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PCC PVT 10 JOINTED)
  - 14 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 2"
  - 15 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10 1/2"
  - 16 LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH 3/4" MIN., 2 1/4" MAX. (USE 15) FOR LIFTS > 2 1/4")
  - 17 HOT-MIX ASPHALT SHOULDERS, 6"
  - 18 AGGREGATE SHOULDERS, TYPE B 6"
  - 19 STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - 20 BITUMINOUS MATERIALS (PRIME COAT)

STRUCTURAL DESIGN TRAFFIC:	Year 2019	
PV = 17,021 (96%)	SU = 355 (2%)	MU = 355 (2%)
ROAD/STREET CLASSIFICATION:	Class I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE		
P = 32	S = 45	M = 45
TRAFFIC FACTOR	Actual TF = 1.98	AC Type = AC-20
	Minimum TF = 4.27	
PG GRADE:	Binder = 10.5 INCHES	Surface = 2 INCHES
SUBGRADE SUPPORT RATING:	SSR = POOR	



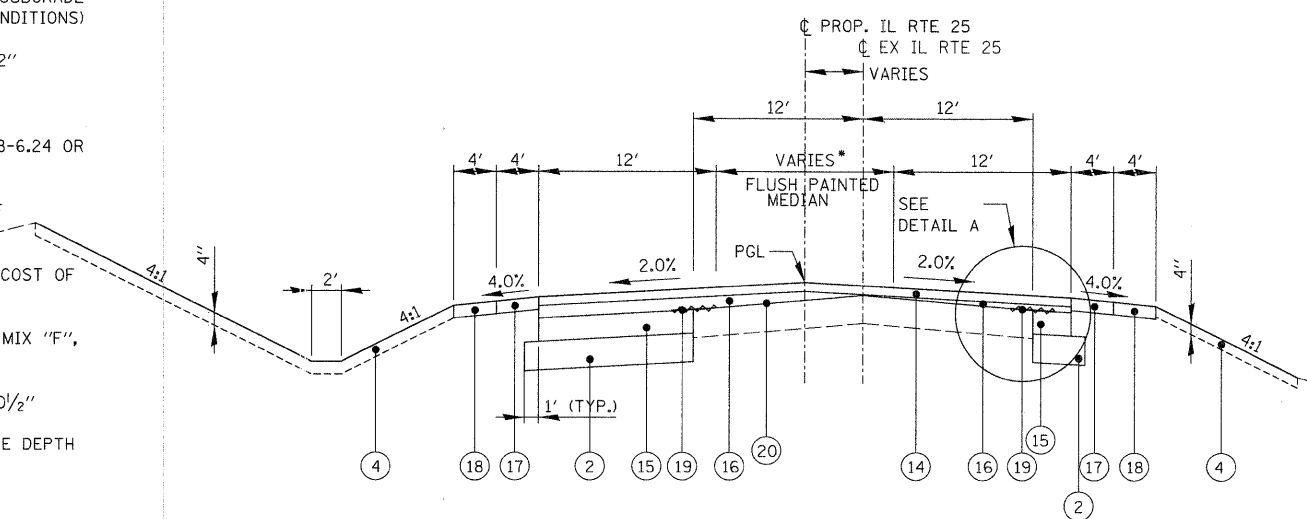
**DETAIL A**



**DETAIL B**

\* SEQUENCE OF CONSTRUCTION AT JOINT

1. PLACE TOP LEVEL OF BINDER COURSE
2. MILL EXISTING SURFACE COURSE EXTENDING 1' INTO LAST LIFT OF BINDER COURSE
3. PLACE STRIP REFLECTIVE CRACK CONTROL
4. PLACE LEVELING BINDER OVER MILLED SURFACE
5. PLACE SURFACE COURSE



**IL ROUTE 25  
STA. 22 + 29.73 TO STA. 26 + 30.58**

\* TRANSITIONS FROM 0' TO 12', STA. 21+76.31 TO STA. 26+46.05

**HOT-MIX ASPHALT REQUIREMENTS**

PAY ITEM	AC TYPE	VOIDS
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 2" SBS/SBR PG76-22	PG 64-22*	4.0% @ 90 GYR.
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 MM), 3/4" & VARIES	PG 64-22*	4.0% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 10 1/2"	PG 64-22	4.0% @ 70 GYR.
<b>HMA DRIVEWAYS</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 MM), 2"	PG 64-22	4.0% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 6", 8"	PG 64-22*	4.0% @ 50 GYR.
<b>HMA SHOULDERS, 6"</b>		
HMA STAB. AT SBPGR, 6"	PG 64-22*	2.0% @ 30 GYR.
<b>CLASS D PATCHES, 13"</b>		
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70	PG 64-22*	4.0% @ 70 GYR.
<b>MULTI-USE PATH</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 MM), 2"	PG 64-22	4.0% @ 50 GYR.

NOTE:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MATERIAL IS 112 LB/SQ YD PER INCH THICKNESS.
2. \* = CONTRACTOR OPTION, WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

FILE NAME =  
TYP\_070793\_01.SHT

USER NAME = GTINE  
PLOT SCALE = 20'  
PLOT DATE = 2/13/2009

DESIGNED MCW  
DRAWN GT  
CHECKED MCW  
DATE 01/16/09

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS  
IL ROUTE 25**

SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	16
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				