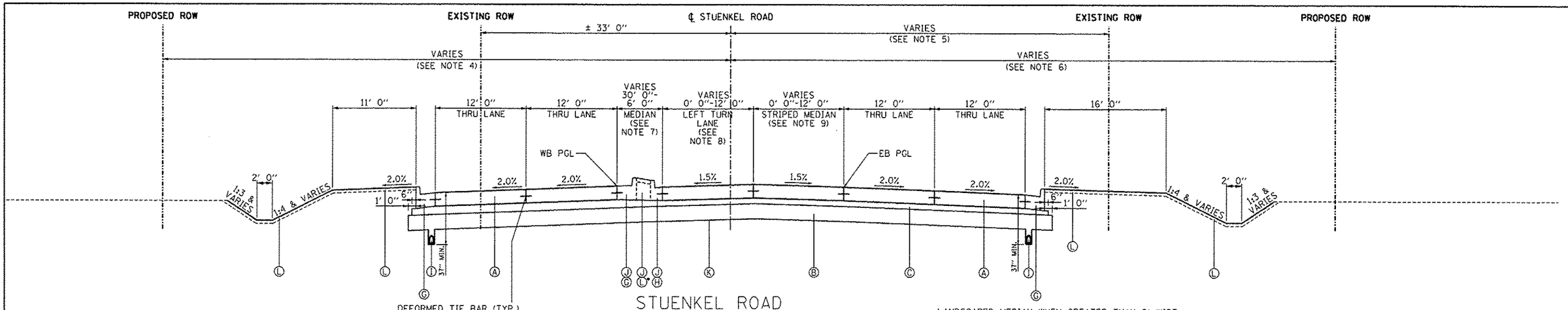
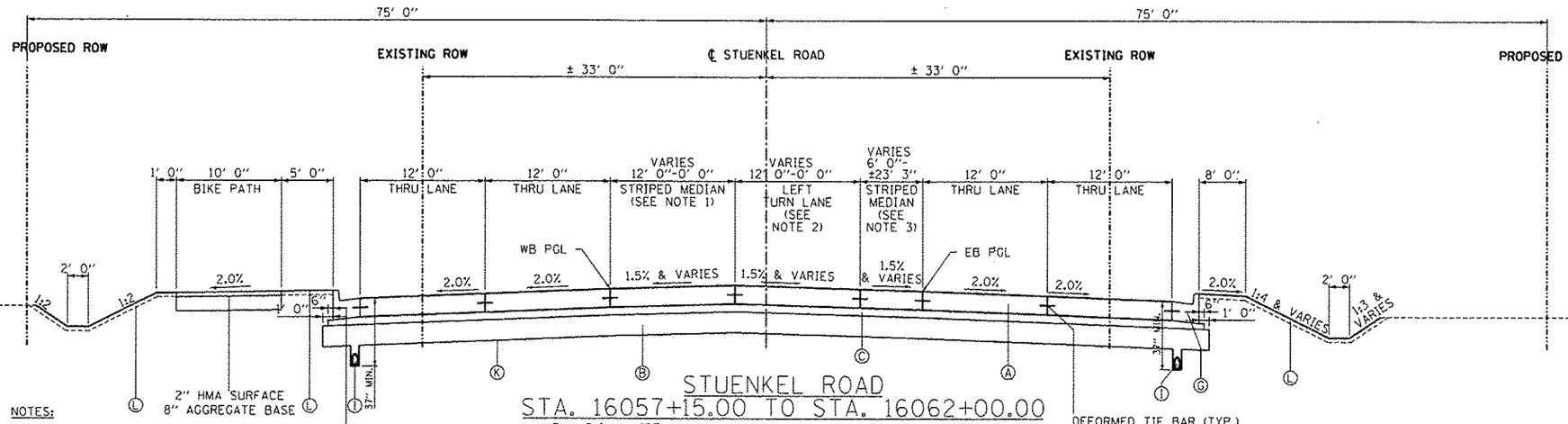


STUENKEL ROAD
STA. 16049+89.31 TO STA. 16055+49.09
FOR RAMP C AND B SEE INTERSECTION DETAILS SHEET

CENTRAL AVENUE INTERSECTION OMISSION
SEE INTERSECTION DETAILS SHEET

* LANDSCAPED MEDIAN WHEN GREATER THAN 6' WIDE. SEE PROPOSED PLANS AND LANDSCAPING PLANS.



STUENKEL ROAD
STA. 16057+15.00 TO STA. 16062+00.00

NOTES:

1. MEDIAN WIDTH:
   STA. 16057+15.00 TO STA. 16059+00.00 - 12'-0"
   STA. 16059+00.00 TO STA. 16060+50.00 - 12'-0" TO 0'-0"
2. LANE WIDTH:
   STA. 16057+15.00 TO STA. 16060+50.00 - 12'-0"
   STA. 16060+50.00 TO STA. 16062+00.00 - 12'-0" TO 0'-0"
3. MEDIAN WIDTH:
   STA. 16057+15.00 TO STA. 16059+00.00 - 6'-0"
   STA. 16059+00.00 TO STA. 16062+00.00 - 6'-0" TO ±23'-3"
4. R.O.W. WIDTH:
   STA. 16049+89.31 TO STA. 16050+46.22 - 76'-7 1/8" TO 75'-0"
   STA. 16050+46.22 TO STA. 16055+49.09 - 75'-0"
5. R.O.W. WIDTH:
   STA. 16049+89.31 TO STA. 16055+49.09 - 46'-3 7/8" TO 52'-11 3/4"
6. R.O.W. WIDTH:
   STA. 16049+89.31 TO STA. 16052+46.22 - 160'-0"
   STA. 16052+46.22 TO STA. 16055+49.09 - 80'-0"
7. MEDIAN WIDTH:
   STA. 16049+89.31 TO STA. 16052+89.27 - 30'-0" TO 6'-0"
   STA. 16052+89.27 TO STA. 16055+49.09 - 6'-0" (SB MEDIAN)
8. LANE WIDTH:
   STA. 16049+89.31 TO STA. 16051+39.00 - 0'-0" TO 12'-0"
   STA. 16051+39.00 TO STA. 16055+49.09 - 12'-0"
9. MEDIAN WIDTH:
   STA. 16051+39.00 TO STA. 16052+89.09 - 0'-0" TO 12'-0"
   STA. 16052+89.09 TO STA. 16055+49.09 - 12'-0"

LEGEND:

- (A) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 10¾"
- (B) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (C) PROPOSED STABILIZED SUBBASE- HOT-MIX ASPHALT, 4½"
- (D) PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS, 10¾"
- (E) PROPOSED AGGREGATE SHOULDER, TYPE B (10¾"-STUENKEL/RAMPS)
- (F) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- (G) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (I) UNDERDRAIN, 6"
- (J) SB MEDIAN OR CONCRETE MEDIAN SURFACE, 4"
- (K) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (L) TOPSOIL E&P 12" AND SEEDING (SEE LANDSCAPING PLANS)
- (M) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 9¾" (RIDGELAND, CENTRAL)
- (N) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURF. COURSE, MIX "F", N90, 1 3/4"
- (O) PROPOSED CONTINUOUSLY REINFORCED CONRETE PAVEMENT, 12"
- (P) PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS, 12"
- (Q) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (R) STEEL PLATE BEAM GUARDRAIL, TYPE A

IDOT HOT-MIX ASPHALT MIXTURE REQUIREMENTS

ITEM	AIR VOIDS @ Ndes
EXISTING PAVEMENT TRANSITION PATCHING AND RESURFACING STUENKEL ROAD, CENTRAL AVE & RIDGELAND AVE	
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"-CENTRAL & RIDGELAND, 2"-STUENKEL	4%@70 Gyr
PATCHING	
CLASS D PATCH (HMA BINDER IL-19 mm); 8"	4%@70 Gyr
TEMPORARY PAVEMENT (STUENKEL/RIDGELAND/CENTRAL)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4%@50 Gyr
TEMPORARY PAVEMENT (HMA BINDER IL-19 mm); 6"	4%@50 Gyr
TEMPORARY PAVEMENT (INTERSTATE)	
HOT-MIX ASPHALT SURFACE, COURSE, MIX "D", N70 (2") (IL-9.5 mm)	4%@70 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (10")	4%@70 Gyr
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4%@50 Gyr
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 8" (C.E.)	4%@50 Gyr
STABILIZED SUBBASE	
STABILIZED SUBBASE - HOT-MIX ASPHALT, IL-19mm; 4 1/2"	3%@50 Gyr
I-57 MAINLINE	
MAINLINE PAVEMENT (OVER CLASS A PATCH)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1 3/4 ") (IL-9.5 mm)	4%@90 Gyr
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2 1/4 ")	4%@90 Gyr
I-57 SHOULDER RECONSTRUCTION	
(PAID FOR AS HOT-MIX ASPHALT SHOULDER, 12")	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (1 1/2 ") (IL-9.5 mm)	4%@70 Gyr
HOT-MIX ASPHALT SHOULDER (10 1/2 ") (HMA BINDER IL-19 mm)	4%@70 Gyr
MAINLINE PAVEMENT (RESURFACING ALONG RAMP TERMINAL)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1 3/4 ") (IL-9.5 mm)	4%@90 Gyr
BIKE PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4%@50 Gyr

IDOT HOT-MIX ASPHALT MIXTURE NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE " PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

MINIMUM LIFT FOR HOT-MIX ASPHALT BINDER COURSE, IL-19.0 IS 2 1/4".

IDOT TEMPORARY PAVEMENT (PCC) NOTES

PCC TEMPORARY PAVEMENT (STUENKEL/RIDGELAND/CENTRAL) SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; 7 1/2 " THICK.

PCC TEMPORARY PAVEMENT (INTERSTATE) SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; PCC PAVMENT, 10" THICK. DOWEL BARS ARE NOT REQUIRED.

TYLIN INTERNATIONAL	USER NAME	DESIGNED - DPS	REVISED - 06/21/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STUENKEL ROAD AT I-57 RIDGELAND AVENUE TO CENTRAL AVENUE PROPOSED TYPICAL SECTIONS – STUENKEL ROAD
	PLOT SCALE	DRAWN - DPS	REVISED - 10/18/2013		SCALE: N.T.S. SHEET 4 OF 17 SHEETS STA. TO STA.
	PLOT DATE	CHECKED - JF	REVISED -		
		DATE - 05/10/2013	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1H0-R1	WILL	679	42
		CONTRACT NO. 60L69		
		ILLINOIS FED. AID PROJECT		

P:\60262\0-57_@_Stuenkel\Road\C_30Interchange\C3_Stuenkel_TypSect04.dgn