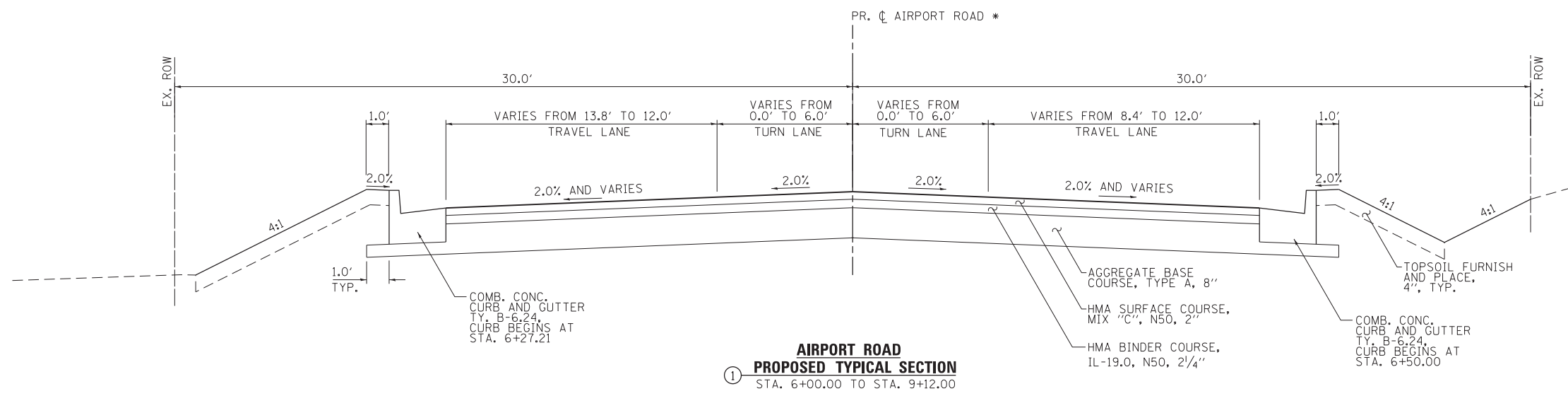


**AIRPORT ROAD  
PAVEMENT DESIGN DATA**  
STA. 9+12.00 TO STA. 40+13.00  
(CITY OF URBANA)  
(RIGID PAVEMENT DESIGN FOR LOCAL AGENCIES)  
STRUCTURAL DESIGN TRAFFIC - 2024 ADT = 8,200  
PV = 7,216 SU = 574 MU = 410  
ROAD/STREET CLASSIFICATION: CLASS II  
T.F. = D.P.  $\left[ \frac{0.073(PV)+67.890(SU)+283.605(MU)}{1,000,000} \right]$   
T.F. = 3.12  
PAVEMENT THICKNESS (FIG. 44-2C & 44-2D):  
7.25" PCC PAVEMENT  
PAVEMENT THICKNESS PROVIDED:  
7.25" PCC PAVEMENT (JOINTED)  
4" AGGREGATE BASE COURSE, TYPE A  
SUBBASE SUPPORT RATING  
SSR = POOR



**AIRPORT ROAD  
PAVEMENT DESIGN DATA**  
STA. 6+00.00 TO STA. 9+12.00  
(CITY OF URBANA)  
(FLEXIBLE PAVEMENT DESIGN FOR LOCAL AGENCIES)  
STRUCTURAL DESIGN TRAFFIC - 2024 ADT = 1,750  
PV = 1,663 SU = 70 MU = 17  
ROAD/STREET CLASSIFICATION: CLASS III  
T.F. = D.P.  $\left[ \frac{0.073(PV)+54.570(SU)+192.175(MU)}{1,000,000} \right]$   
T.F. = 0.14  
PAVEMENT THICKNESS (FIG. 44-3H):  
4.25" HMA  
PAVEMENT THICKNESS PROVIDED:  
4.25" HMA PAVEMENT  
8" AGGREGATE BASE COURSE, TYPE A  
SUBBASE SUPPORT RATING  
SSR = POOR

\* CROWN SHIFTS FROM 2.4' LT AT STA. 6+00.00 TO CL AT STA. 7+40.00

DRAWN: sjsenby; USER: sjsenby; DESIGNED: DSC; REVISED: -; CHECKED: JLF; DATE: 01/26/2017; PLOT DATE: 3/17/2017; PLOT SCALE: 3/8" = 1'; PRINTER: \$SYS\$PRINTER\_NAME\$; FILE NAME: F:\2014\140001-00\CADD\Plans\140001-00-ht-typical.bdp

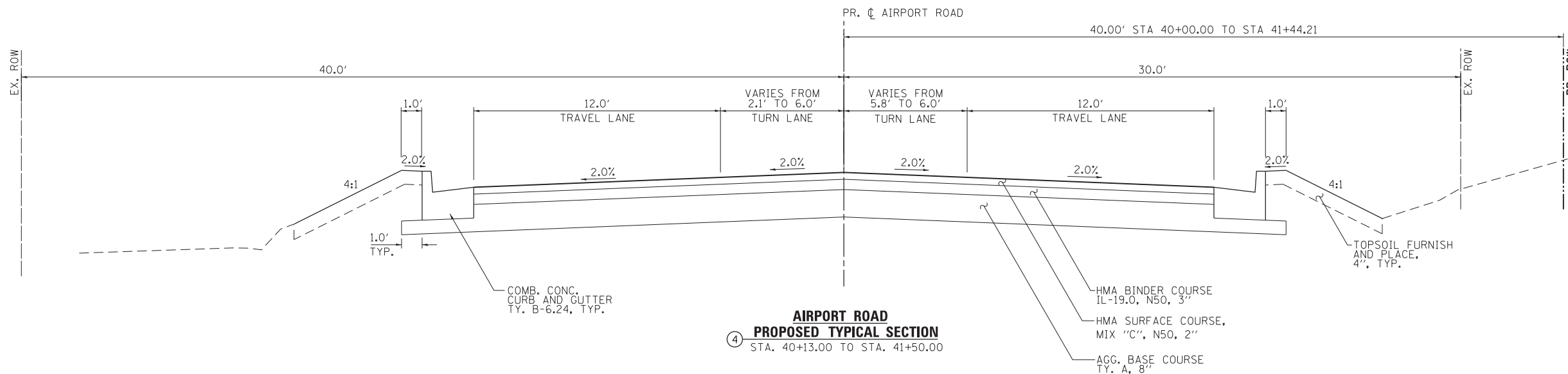
**Farnsworth GROUP, INC.**  
2211 West Bradley Avenue  
Champaign, Illinois 61821  
217/352-7408, 217/352-7409 fax

USER NAME = sjsenby	DESIGNED - DSC	REVISED -
PRINTER = \$SYS\$PRINTER_NAME\$	DRAWN - JDK	REVISED -
PLOT SCALE = 3/8" = 1'	CHECKED - JLF	REVISED -
PLOT DATE = 3/17/2017	DATE - 01/26/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

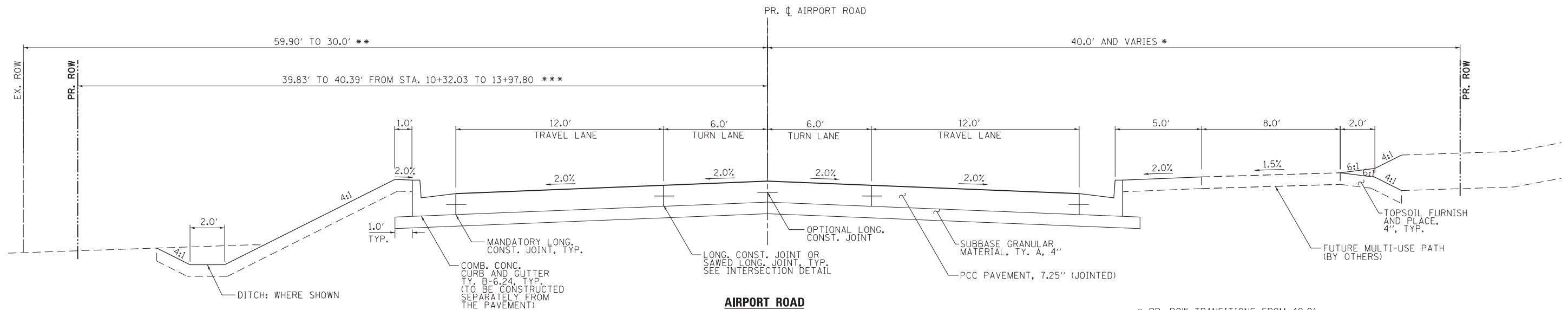
**PROPOSED TYPICAL SECTION**  
SCALE: NTS SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7190	13-00532-00-PV	CHAMPAIGN	80	7
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**4** AIRPORT ROAD  
**PROPOSED TYPICAL SECTION**  
 STA. 40+13.00 TO STA. 41+50.00

AIRPORT ROAD		
PAVEMENT DESIGN DATA		
STA. 40+13.00 TO STA. 43+62.17		
(CITY OF URBANA)		
(FLEXIBLE PAVEMENT DESIGN FOR LOCAL AGENCIES)		
STRUCTURAL DESIGN TRAFFIC - 2024 ADT = 2,400		
PV = 2,280	SU = 96	MU = 24
ROAD/STREET CLASSIFICATION: CLASS II		
T.F. = D.P. $\left[ \frac{0.073(PV)+56.030(SU)+192.720(MU)}{1,000,000} \right]$		
T.F. = 0.20		
PAVEMENT THICKNESS (FIG. 44-3H):		
5" HMA		
PAVEMENT THICKNESS PROVIDED:		
5" HMA PAVEMENT		
8" AGGREGATE BASE COURSE, TYPE A		
SUBBASE SUPPORT RATING		
SSR = POOR		



**3** AIRPORT ROAD  
**PROPOSED TYPICAL SECTION**  
 STA. 10+06.00 TO STA. 37+86.62  
 OMISSION FROM STA. 37+86.62 TO STA. 38+61.08

\* PR. ROW TRANSITIONS FROM 40.0'  
 AT STA. 11+00.00, TO 43.65 AT STA. 12+28.39,  
 TO 36.34' AT STA. 14+83.45, TO 40.0' AT STA. 16+09.74

\*\* EX. ROW TRANSITIONS FROM 59.90'  
 AT STA. 10+32.03 TO 30.0' AT STA. 16+09.74

\*\*\* PR. ROW TRANSITIONS FROM 59.90'  
 AT STA. 10+32.03 TO 39.83 AT STA. 10+52.00  
 TO 36.11' AT STA. 12+21.96 TO 40.39' AT  
 STA. 13+97.80

DRIVER = #PL TDRV.L\*  
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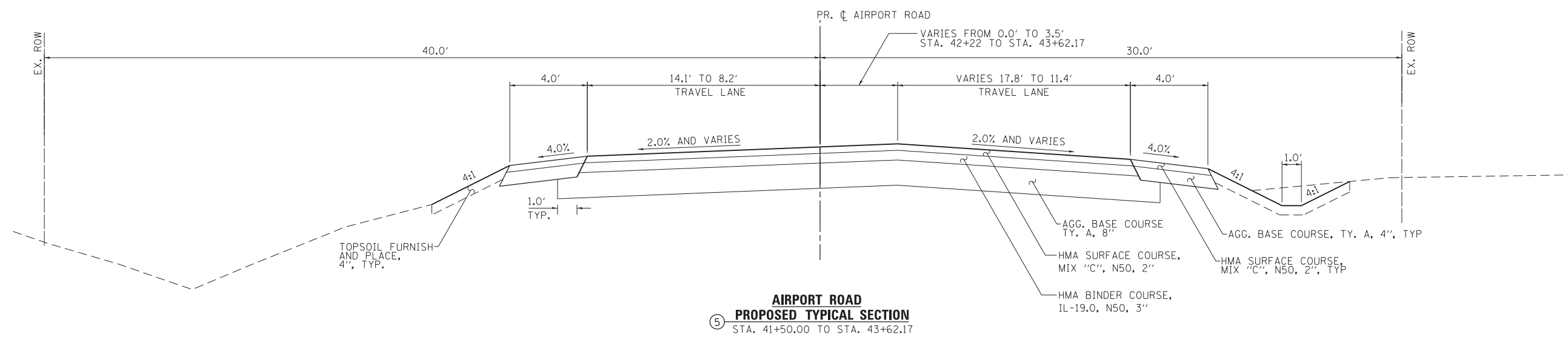
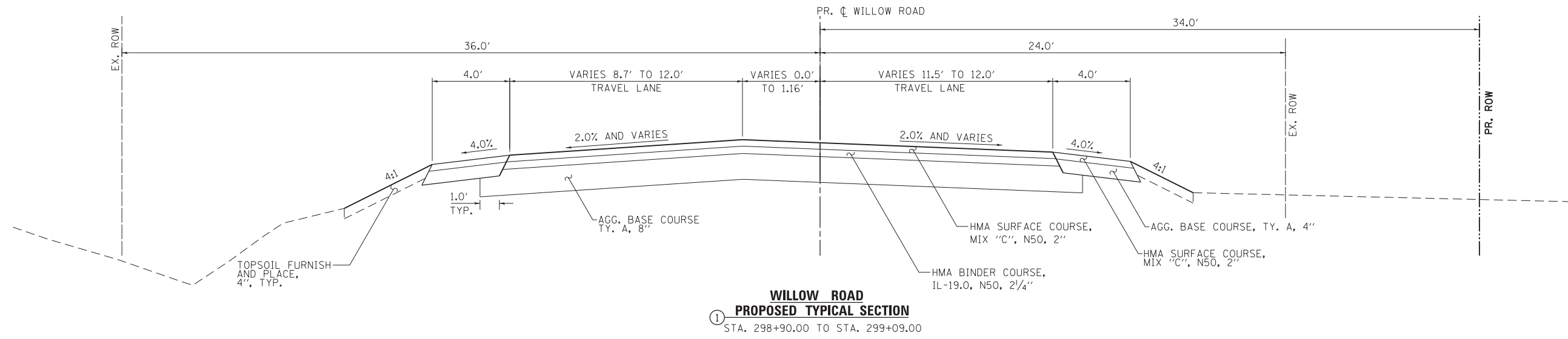


USER NAME = slsisonby	DESIGNED - DSC	REVISED -
PRINTER = \$SYSPRINTER_NAME\$	DRAWN - JDK	REVISED -
PLOT SCALE = 3.00' / in.	CHECKED - JLF	REVISED -
PLOT DATE = 3/17/2017	DATE - 01/26/2017	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTION	
SCALE: NTS	SHEET NO. 2 OF 4 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7190	13-00532-00-PV	CHAMPAIGN	80	8
				CONTRACT NO.
ILLINOIS FED. AID PROJECT				



DRIVER = 0PLT00V.L\*  
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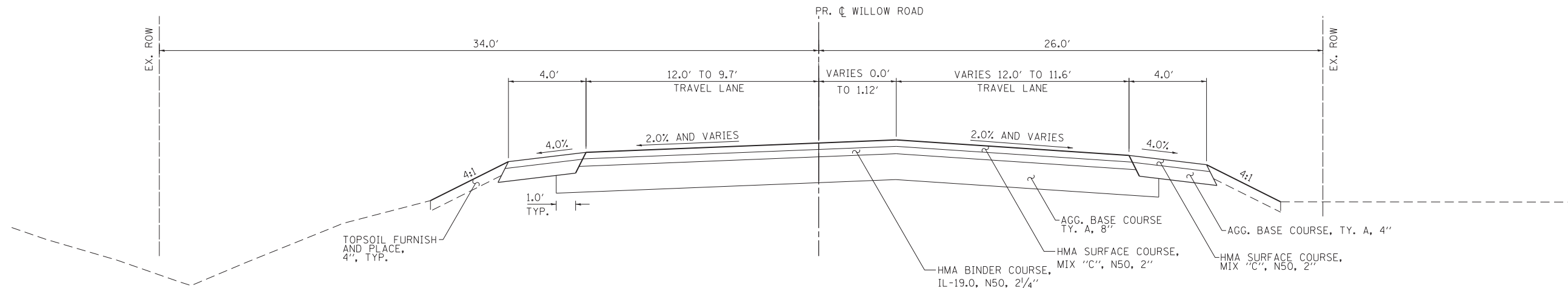
**Farnsworth**  
 GROUP, INC.  
 2211 West Bradley Avenue  
 Champaign, Illinois 61821  
 217/352-7408, 217/352-7409 fax

USER NAME = slsisonby	DESIGNED - DSC	REVISED -
PRINTER = \$SYSPRINTER_NAME\$	DRAWN - JDK	REVISED -
PLOT SCALE = 3.00' / in.	CHECKED - JLF	REVISED -
PLOT DATE = 3/17/2017	DATE - 01/26/2017	REVISED -

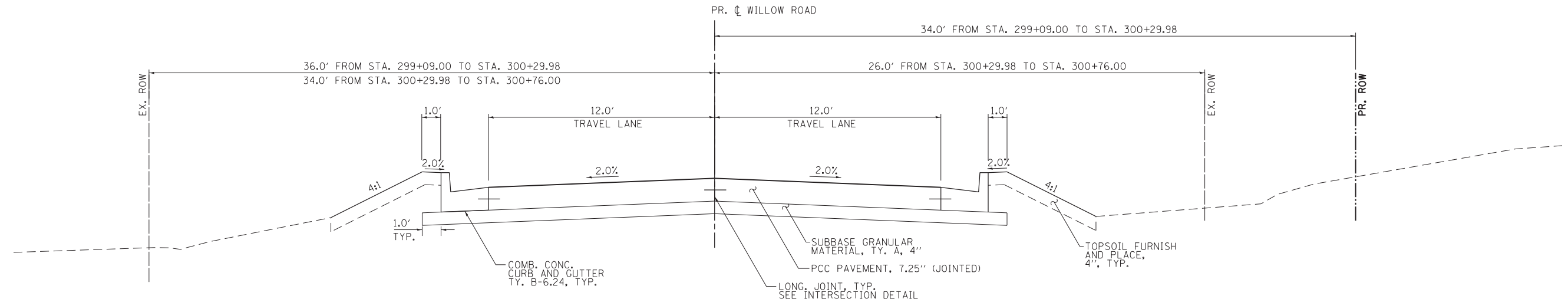
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTION</b>	
SCALE: NTS	SHEET NO. 3 OF 4 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7190	13-00532-00-PV	CHAMPAIGN	80	9
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**WILLOW ROAD  
PROPOSED TYPICAL SECTION**  
③ STA. 300+76.00 TO STA. 300+96.00



**WILLOW ROAD  
PROPOSED TYPICAL SECTION**  
② 299+09.00 TO STA. 300+76.00

DRIVER = #PLT05V.L\*  
 FILE NAME = F:\2014\140001-80\CAD\Plans\140001-02-ht-typical.dgn

**Farnsworth**  
 GROUP, INC.  
 2211 West Bradley Avenue  
 Champaign, Illinois 61821  
 217/352-7408, 217/352-7409 fax

USER NAME = slsionby	DESIGNED - DSC	REVISED -
PRINTER = \$SYSPRINTER_NAME\$	DRAWN - JDK	REVISED -
PLOT SCALE = 3.00' / in.	CHECKED - JLF	REVISED -
PLOT DATE = 3/17/2017	DATE - 01/26/2017	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCALE: NTS	SHEET NO. 4 OF 4 SHEETS	STA. TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7190	13-00532-00-PV	CHAMPAIGN	80	10
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				