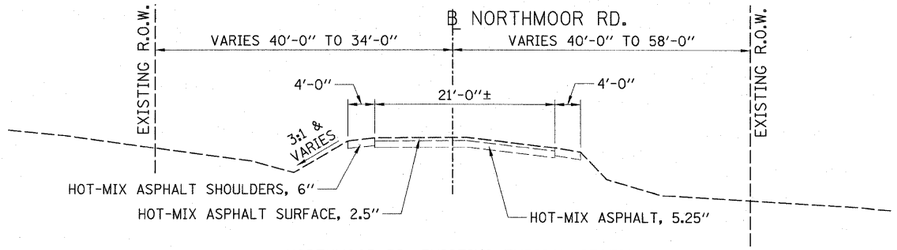
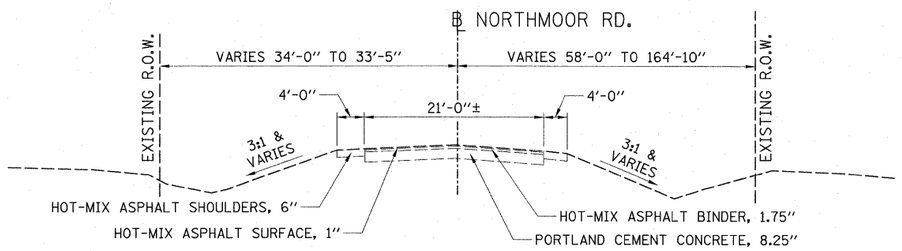
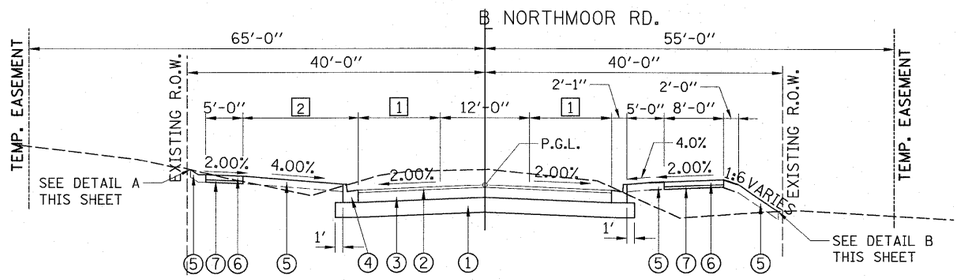
CONTRACT NO. 89526



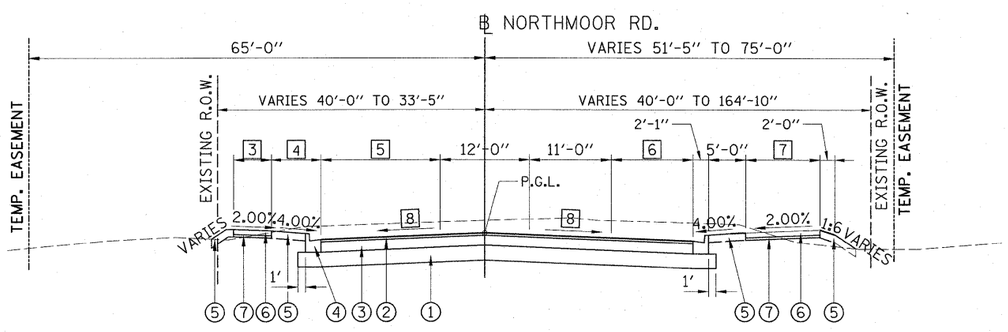
NORTHMOOR RD. EXISTING TYPICAL SECTION
STA. 92+40.00 TO STA. 105+35.00



NORTHMOOR RD. EXISTING TYPICAL SECTION
STA. 105+35.00 TO STA. 106+52.74



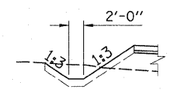
NORTHMOOR RD. PROPOSED TYPICAL SECTION
STA. 92+40.00 TO STA. 103+25.63



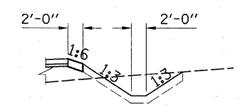
NORTHMOOR RD. PROPOSED TYPICAL SECTION
STA. 103+25.62 TO STA. 106+53.82

BITUMINOUS MIXTURE REQUIREMENTS THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:			
MIXTURE USE(S):	SURFACE COURSE	TOP BINDER COURSE	BINDER COURSE
AC/PG:	SBS PG 70-28	SBS PG 70-28	PG 64-22
RAP% (MAX.):	10%	10%	25%
DESIGN AIR VOIDS:	4.0% @ N-50	4.0% @ N-50	4.0% @ N-50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 19.0	IL 19.0
FRICTION AGGREGATE:	MIXTURE D	N.A.	N.A.
MIXTURE WEIGHT:	116 LB/SQ YD/IN	116 LB/SQ YD/IN	116 LB/SQ YD/IN
THICKNESS:	2.0 IN	2.25 IN	5.5 IN

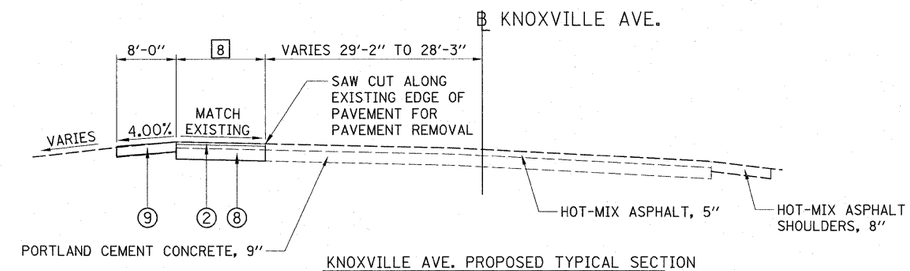
STRUCTURAL DESIGN TRAFFIC: YEAR 2020 ADT 8300
PV = 96.1% SU = 3.8% MU = 0.1%
ROAD/STREET CLASSIFICATION: CLASS III
P = 50% S = 50% M = 50%
TRAFFIC FACTOR: ACTUAL TF = 0.38 AC TYPE = 20
MINIMUM TF = _____
AC GRADE: Binder= 64-28 Surface= 64-28
SUBGRADE SUPPORT RATING:
SSR = POOR (STA. 92+40.00 TO 106+52.74)
SSR = _____ (STA. _____ TO _____)



DETAIL A
STA. 102+25.00 TO STA. 102+50.00
STA. 103+25.00 TO STA. 104+00.00

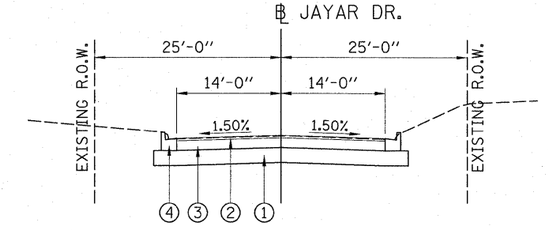


DETAIL B
STA. 99+25.00 TO STA. 102+50.00



KNOXVILLE AVE. PROPOSED TYPICAL SECTION
STA. 1906+42.52 TO STA. 1909+74.11

8 LANE WIDTH
STA. 1906+42.52 TO STA. 1907+76.20 = 12'-0"
STA. 1907+76.20 TO STA. 1909+57.52 = TRANSITIONS FROM 12'-0" TO 1'-0"
STA. 1909+57.52 TO STA. 1909+74.11 = 1'-0"



JAYAR DR. PROPOSED TYPICAL SECTION
STA. 1250+49.75TO STA. 1250+79.75

1 LANE WIDTH
STA. 92+40.00 TO STA. 93+69.12 = 12'-0"
STA. 93+69.12 TO STA. 94+09.12 = TRANSITIONS FROM 12'-0" TO 11'-0"
STA. 94+09.12 TO STA. 103+25.62 = 11'-0"

2 BUFFER WIDTH
STA. 92+40.00 TO STA. 93+69.12 = 14'-6"
STA. 93+69.12 TO STA. 94+09.12 = TRANSITIONS FROM 14'-6" TO 15'-6"
STA. 94+09.12 TO STA. 103+25.62 = 15'-6"

3 SIDEWALK WIDTH
STA. 103+25.62 TO STA. 104+92.78 = 5'-0"
STA. 104+92.78 = END SIDEWALK

4 BUFFER WIDTH
STA. 103+25.62 TO STA. 104+02.84 = 15'-6"
STA. 104+02.84 TO STA. 104+92.78 = TRANSITIONS FROM 15'-6" TO 7'-1"
STA. 104+92.78 = END GREENSPACE

5 LANE WIDTH
STA. 103+25.62 TO STA. 104+02.84 = 11'-0"
STA. 104+02.84 TO STA. 106+53.82 = TRANSITIONS FROM 11'-0" TO 21'-10"

6 LANE WIDTH
STA. 103+25.62 TO STA. 105+00.25 = TRANSITIONS FROM 0'-0" TO 11'-0"
STA. 105+00.62 TO STA. 106+53.82 = 11'-0"

7 MULTI-USE PATH WIDTH
STA. 103+25.62 TO STA. 105+71.32 = 8'-0"
STA. 106+17.02 TO STA. 107+26.73 = 5'-0"

8 CROSS SLOPE
CROSS SLOPES = 2% & VARIES.
SEE RAILROAD CROSSING DETAIL.

LEGEND

1. PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
2. PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
3. PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7 3/4" (TOP 2 1/4" TO BE POLYMERIZED)
4. PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
5. PROPOSED TOPSOIL FURNISH AND PLACE, 6"
6. PORTLAND CEMENT CONCRETE SIDEWALK, 4"
7. PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 4"
8. PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 12"
9. PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"

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FILE NAME = I:\09Jobs\09L00278\CADD\Road\Sheet\c-501typ.dgn	USER NAME = Ande-00846	DESIGNED - RLA	REVISED -
		DRAWN - RLA	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - CAL	REVISED -
	PLOT DATE = 11\17\2009	DATE - 10/16/2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR RD. AND SHERIDAN RD.

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	08-00302-00-PV	PEORIA	85	4
	09-00047-01-PV	CONTRACT NO. 89526		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	ARA-M-5093(139)	