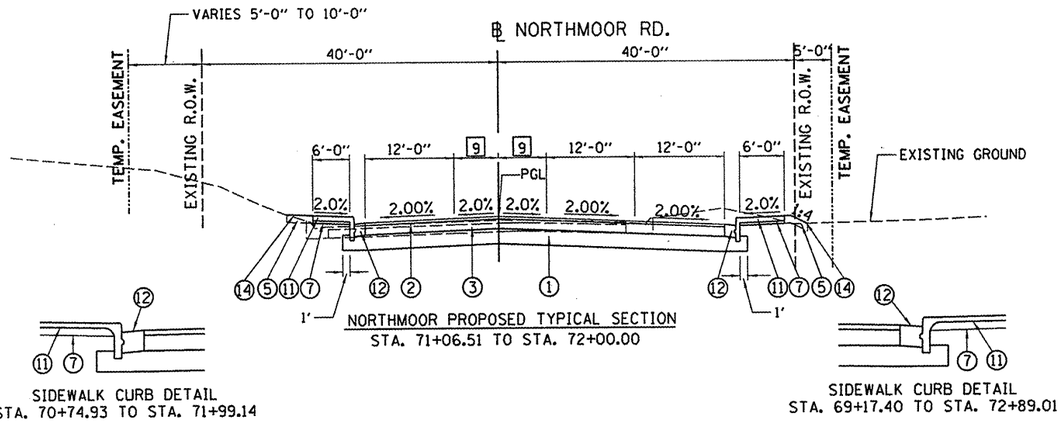

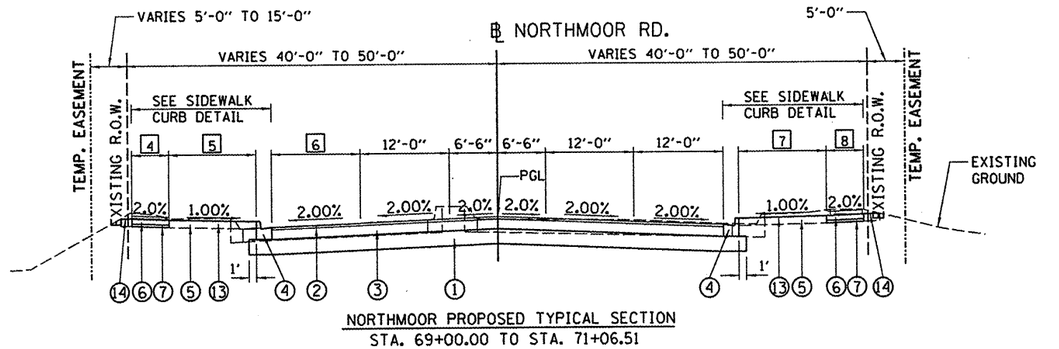

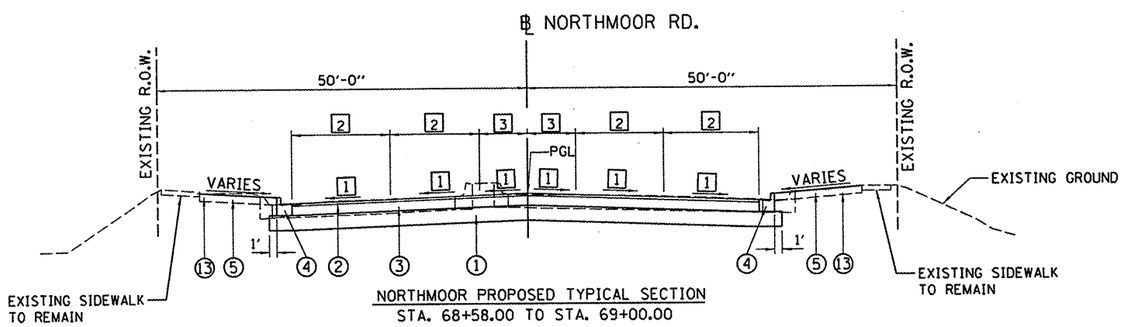

1 CROSS SLOPE
STA. 68+58.00 TO STA. 69+00.00 = TRANSITIONS FROM EXISTING TO -2.00%

2 LANE WIDTH
STA. 68+58.00 TO STA. 69+00.00 = TRANSITIONS FROM EXISTING TO 12'-0"

3 LANE WIDTH
STA. 68+58.00 TO STA. 69+00.00 = TRANSITIONS FROM EXISTING TO 6'-6"

9 LANE WIDTH
STA. 71+06.51 TO STA. 71+26.21 = TRANSITIONS FROM 6'-6" TO 6'-3"
STA. 71+26.21 TO STA. 72+00.00 = 6'-3"

4 SIDEWALK WIDTH
STA. 69+00.00 TO STA. 70+74.93 = 5'-0"
STA. 70+74.93 = TRANSITIONS FROM 5'-0" TO 6'-0"
STA. 70+74.93 TO STA. 71+06.51= 6'-0"

5 BUFFER WIDTH
STA. 69+00.00 TO STA. 69+87.30 = 11'-10"
STA. 69+87.30 TO STA. 70+74.93 = TRANSITIONS FROM 11'-10" TO 1'-0"
STA. 70+74.93 TO STA. 71+06.51= 0'-0"

6 LANE WIDTH
STA. 69+00.00 TO STA. 69+86.52 = 12'-0"
STA. 69+86.52 TO STA. 71+06.51 = TRANSITIONS FROM 12'-0" TO 0'-0"

7 BUFFER WIDTH
STA. 69+00.00 TO STA. 69+17.40 = TRANSITIONS FROM 12'-4" TO 0'-0"
STA. 69+17.40 TO STA. 71+06.51= 0'-0"

8 SIDEWALK WIDTH
STA. 69+00.00 TO STA. 69+17.40 = 5'-0"
STA. 69+17.40 TO STA. 71+06.51 = 6'-0"

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 3 3/4" 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 SCREENING WALL FOUNDATION
9. PROPOSED PRECAST SCREENING WALL (RETAINING WALL, SPECIAL)
10. PROPOSED PIPE UNDERDRAIN
11. COMBINATION CONCRETE CURB & SIDEWALK 4 INCH (SPECIAL)
12. CONCRETE GUTTER FLAG
13. PROPOSED SODDING, SALT TOLERENT
14. PROPOSED SODDING

STRUCTURAL DESIGN TRAFFIC: YEAR 2021 ADT 15,731
PV = 96.5% SU = 3.4% MU = 0.1%
ROAD/STREET CLASSIFICATION: CLASS I
P = 50% S = 50% M = 50%
TRAFFIC FACTOR: ACTUAL TF = 0.81 AC TYPE = 20
MINIMUM TF = N/A
AC GRADE: Binder= 64-22 Surface= 70-28
SUBGRADE SUPPORT RATING:
SSR = POOR (STA. 68+58.00 TO 85+60.00)

BITUMINOUS MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S):	SURFACE COURSE	TOP BINDER COURSE LIFT	LOWER BINDER COURSE LIFT
AC/PG:	SBS 70-28	SBS 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	3.75 IN	4.0 IN

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FILE NAME = I:\09Jobs\09L0027A\CADD\Road\Sheet\c-502typ.dgn	USER NAME = dawso00878	DESIGNED - DLC	REVISED -
		DRAWN - DLC	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - MGD	REVISED -
	PLOT DATE = 04\02\2012	DATE - 03/27/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD STAGE 2 IMPROVEMENT
PROPOSED TYPICAL SECTIONS
NORTHMOOR RD.

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-01-PV	PEORIA	125	5
	11-00047-03-PV	CONTRACT NO. 89525		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	M-5093(137)	