

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-17 THRU 24, 9-1)I	MCLEAN	8	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 70732		

**DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS**

**F.A.I. ROUTE 74 (I-74)
SECTION (57-17 THRU 24, 9-1)I
MCLEAN COUNTY**

**TYPE OF IMPROVEMENT
MICRO-SURFACING
(CENTERLINE)
C-95-021-08**

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

CURRENT ADT TRAFFIC DATA

2007 ADT = 20,400 SOUTH
24,800 NORTH

**DESIGN DESIGNATION
NA**

**J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811**

**PROJECT ENGINEER: KEVIN TRAPP
SQUAD LEADER: MICHAEL LEROY
DESIGNER: MICHAEL LEROY
PHONE: (217)465-4181
CONTRACT NO. 70732**

BEGIN SEC. 57-18
STA. 1554+55.00

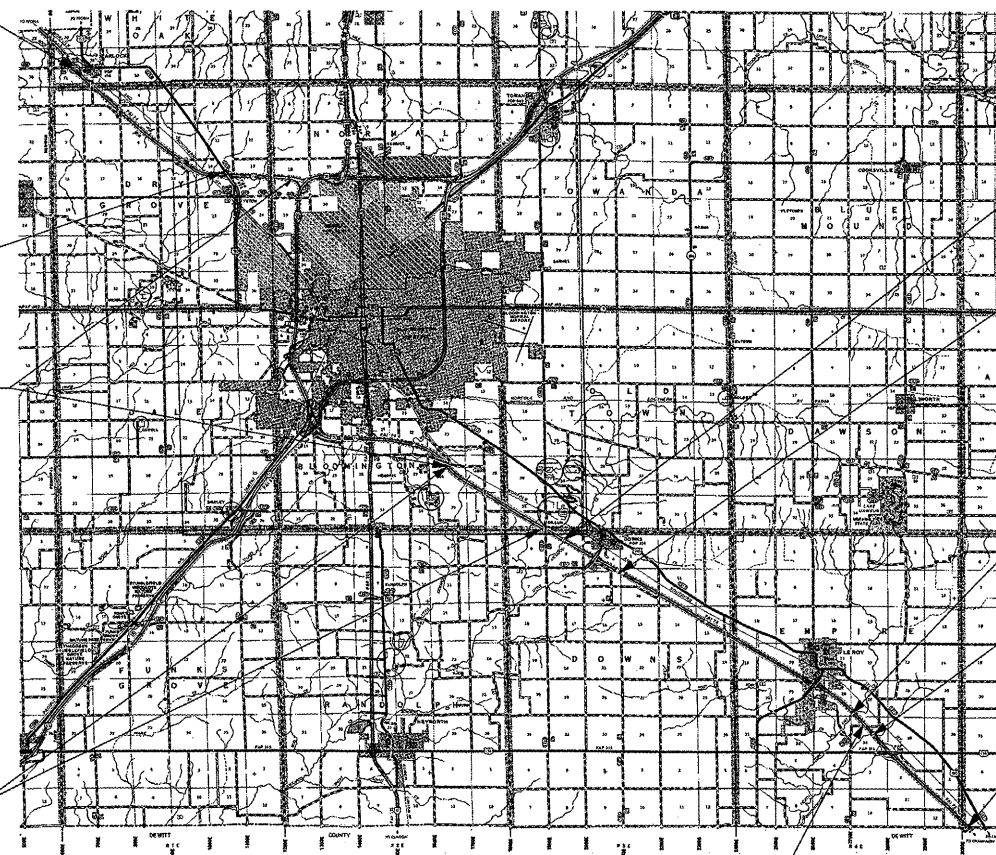
STATION EQUATION:
STA. 1808+31.35 (BK)=
STA. 187+31.34 (AH)

OMISSION FROM MICRO-SURFACING
STA. 258+00.00 TO STA. 737+12.00

OMISSION FROM
MICRO-SURFACING
STA. 781+29.00 TO
STA. 1127+50.00
EASTBOUND LANES ONLY

STATION EQUATION:
STA. 1241+13.43 (BK)=
STA. 100+00 (AH)

GROSS LENGTH = 184,708.40 FEET = 34.983 MILES
NET LENGTH = 136,796.40 FEET = 25.908 MILES



OMISSION FROM
MICRO-SURFACING
SN 057-0121 (EB)
SN 057-0120 (WB)

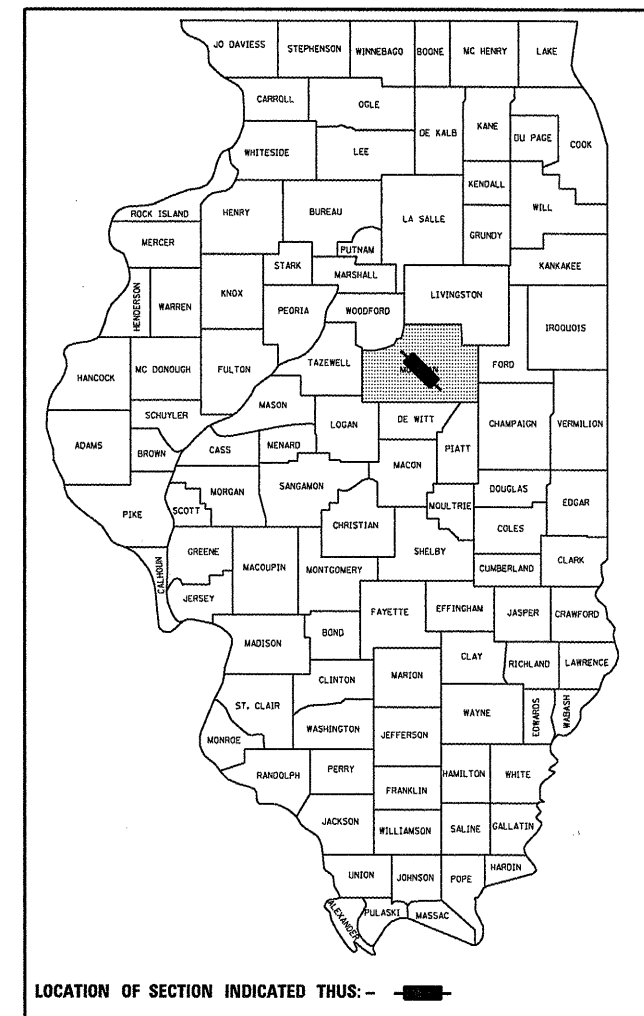
SN 057-0125 (EB)
SN 057-0126 (WB)

SN 057-0128 (EB)
SN 057-0129 (WB)

SN 057-0133 (EB)
SN 057-0134 (WB)

END SEC. 9-1
STA. 639+50.00

D-95-021-08



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED OCT 21, 2008

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

December 5, 2008
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

December 5, 2008
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PLOT DATE = 10/17/2008
FILE NAME = c:\projects\70732\cds\msh\70732-14t-cover.dgn
PLOTTER = HP DesignJet 5000 Series
USER NAME = creggie

INDEX OF SHEETS

1	COVER SHEET
2	HIGHWAY STANDARDS/INDEX OF SHEETS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	SCHEDULE OF QUANTITIES
6	EXISTING TYPICAL CROSS SECTIONS
7	PROPOSED TYPICAL CROSS SECTIONS
8	PAVEMENT MARKING DETAIL

LIST OF STANDARDS

001006	DECIMAL OF AN INCH AND A FOOT
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 mph
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME =	USER NAME = eraigne	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS / LIST OF STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\d570732\cadsheets\d570732-01\gennote.dgn		DRAWN -	REVISED -			74	(57-17 THRU 24, 9-1)I	MCLEAN	8	2
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -			CONTRACT NO. TOT32				
PLOT DATE = 10/20/2008		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

GENERAL NOTES

G.N.-100

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N. 451 (SPECIAL)

AN APPLICATION RATE OF .21 POUNDS/FOOT WAS USED TO DETERMINE THE FIBER ASPHALT QUANTITY.

G.N.-703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

FILE NAME =	USER NAME = craigre	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\4570732\cdsheets\4570732-1	nt-gennote.dgn	DRAWN -	REVISED -			74	(57-17 THRU 24, 9-1)1	MCLEAN	8	3	
	PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 70732					
	PLOT DATE = 10/20/2008	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES

LOCATION:

FAI 74 (I-74)	FAI 74 (I-74)
MCLEAN CTY	MCLEAN CTY
STA. 258+00	639+50
TO	TO
1479+60	779+50
URBAN	URBAN
MULTILANE	MULTILANE

CONSTRUCTION CODE:

100% STATE	100% STATE
F000	F000

PAY ITEM CODE	PAY ITEM	UNIT	TOTAL	QTY	QTY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5417.0	3849.0	1568.0
67100100	MOBILIZATION	LSUM	1.0	0.4	0.6
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	LSUM	1.0	0.4	0.6
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	48748.0	34637.0	14110.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	16250.0	11546.0	4704.0
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	60934.0	43296.0	17638.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3047.0	2165.0	882.0
78300105	PAVEMENT MARKING REMOVAL	FOOT	60934.0	43296.0	17638.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	5212.0	4330.0	882.0
X0325223	FIBER ASPHALT	POUND	894.0	0.0	894.0
X0326221	MICRO-SURFACING, SINGLE PASS, TYPE II	SQ YD	54164.0	38486.0	15678.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	56.0	28.0	28.0
Xo 326240	MICRO-SURFACING TEST STRIP	EACH	1.0	1.0	0.0

* SPECIALTY ITEMS

FILE NAME =	USER NAME = craigre	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I.	SECTION	COUNTY	TOTAL	SHEET
cs:\projects\4570732\cadsheets\4570732-1111-soq.dgn		DRAWN -	REVISED -			74	(57-17 THRU 24, 9-11)	MCLEAN	SHEETS	NO.
PLOT SCALE = 48,0000' / IN.		CHECKED -	REVISED -						8	4
PLOT DATE = 10/20/2008		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 70732	
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

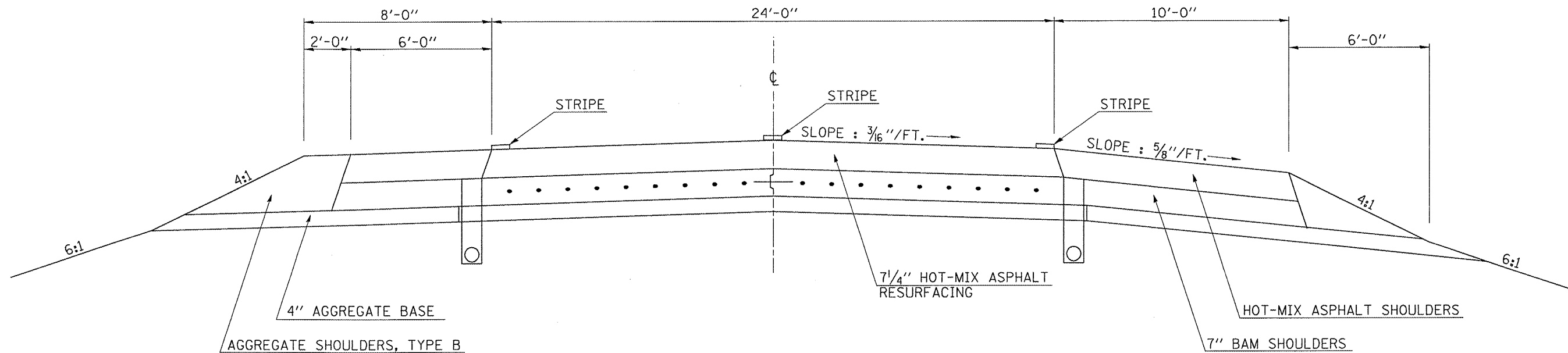
SCHEDULE OF QUANTITIES

STATION	LENGTH (FEET)	WIDTH (FEET)	MICROSURFACING SINGLE PASS TYPE II (SQ YD)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	RAISED REFLECTIVE PAVEMENT MARKERS (EACH)	PRIME COAT (GALLON)	EPOXY PAVEMENT MARKING, LINE 4" (FOOT)	PAVEMENT MARKING REMOVAL (FOOT)	SHORT TERM PAVEMENT MARKING (FOOT)	WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)	FIBER ASPHALT (POUND)
EAST END WEST BOUND			X4480105	78300200	78100100	40600100	78005110	78300105	70300100		X0325223
639+50.00	26197.63	2	5821.7	654.9	327.5	582.2	6549.4	6549.4	5239.5	1746.5	0
377+52.37			SN 057-0134								
376+15.95	27615.95	2	6136.9	690.4	345.2	613.7	6904.0	6904.0	5523.2	1841.1	0
100+00.00			STATION EQUATION								
1241+13.43	11327.72	2	2517.3	283.2	141.6	251.7	2831.9	2831.9	2265.5	755.2	0
1127+85.71			SN 057-0129								
1126+76.21	8680.46	2	1929.0	217.0	108.5	192.9	2170.1	2170.1	1736.1	578.7	0
1039+95.75			SN 057-0126								
1038+04.23	25675.01	2	5705.6	641.9	320.9	570.6	6418.8	6418.8	5135.0	1711.7	0
781+29.22			SN 057-0120								
779+67.94	4255.94	2	945.8	106.4	53.2	94.6	1064.0	1064.0	851.2	283.7	0
737+12.00											
SUB-TOTAL	103752.71		23056.2	2593.8	1296.9	2305.6	25938.2	25938.2	20750.5	6916.8	0.0
EAST BOUND											
737+15.00	4252.94	2	945.1	106.3	53.2	94.5	1063.2	1063.2	850.6	283.5	893.1174
779+67.94			SN 057-0121								
781+29											
EXIST INLAY											
1038+04			SN 057-0125								
1039+95.75											
EXIST INLAY	8644.38										
1126+40.13			SN 057-0128								
1127+49.63	11363.80	2	2525.3	284.1	142.0	252.5	2841.0	2841.0	2272.8	757.6	0
1241+13.43			STATION EQUATION								
100+00.00	27620.05	2	6137.8	690.5	345.3	613.8	6905.0	6905.0	5524.0	1841.3	0
376+20.05			SN 057-0133								
377+56.47	26193.53	2	5820.8	654.8	327.4	582.1	6548.4	6548.4	5238.7	1746.2	0
639+50.00											
SUB-TOTAL	78074.70		15428.96	1735.76	867.88	1542.90	17357.58	17357.58	13886.06	4628.69	893.12
WEST END TOTALS	181827.4		38485.1	4329.6	2164.8	3848.5	43295.8	43295.8	34636.6	11545.5	893.1
WEST END WEST BOUND											
286+30.00	9898.66	2	2199.7	123.7	123.7	220.0	2474.7	2474.7	1979.7	659.9	0
187+31.34			STATION EQUATION								
1808+31.35	25376.35	2	5639.2	317.2	317.2	563.9	6344.1	6344.1	5075.3	1691.8	0
1554+55.00											
SUB-TOTAL	35275.01		7838.9	440.9	440.9	783.9	8818.8	8818.8	7055.0	2351.7	
EAST BOUND											
1554+55.00	25376.00	2	5639.1	317.2	317.2	563.9	6344.0	6344.0	5075.2	1691.7	0
1808+31.00											
187+31.00	9899.00	2	2199.8	123.7	123.7	220.0	2474.8	2474.8	1979.8	659.9	0
286+30.00											
SUB-TOTAL	35275.00		7838.9	440.9	440.9	783.9	8818.8	8818.8	7055.0	2351.7	0.0
EAST END TOTALS	70550.0		15677.8	881.9	881.9	1567.8	17637.5	17637.5	14110.0	4703.3	0.0
TOTAL	252378.00		54163.0	5212.0	3047.0	5417.0	60934.0	60934.0	48747.0	16249.0	894.0

FILE NAME =	USER NAME = craigre	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\d570732\cadsheets\d570732-sht-schedule.dgn		DRAWN -	REVISED -		74	(57-17 THRU 24, 9-11)	MCLEAN	8	5				
		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 70732				
		DATE -	REVISED -						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION FAI 74

STA. 258+00.00 TO STA. 1554+25.00 *
 STA. 639+50.00 TO STA. 737+12.00 *



*** EQUATION STATIONS**

STA. 1241+13.43 (BK) = STA. 100+00.00 (AH)
 STA. 1808+31.35 (BK) = STA. 187+31.34 (AH)

FILE NAME =	USER NAME = craigre	DESIGNED -	REVISED -
c:\projects\d570732\cdsheets\d570732-typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/28/2008	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTION			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

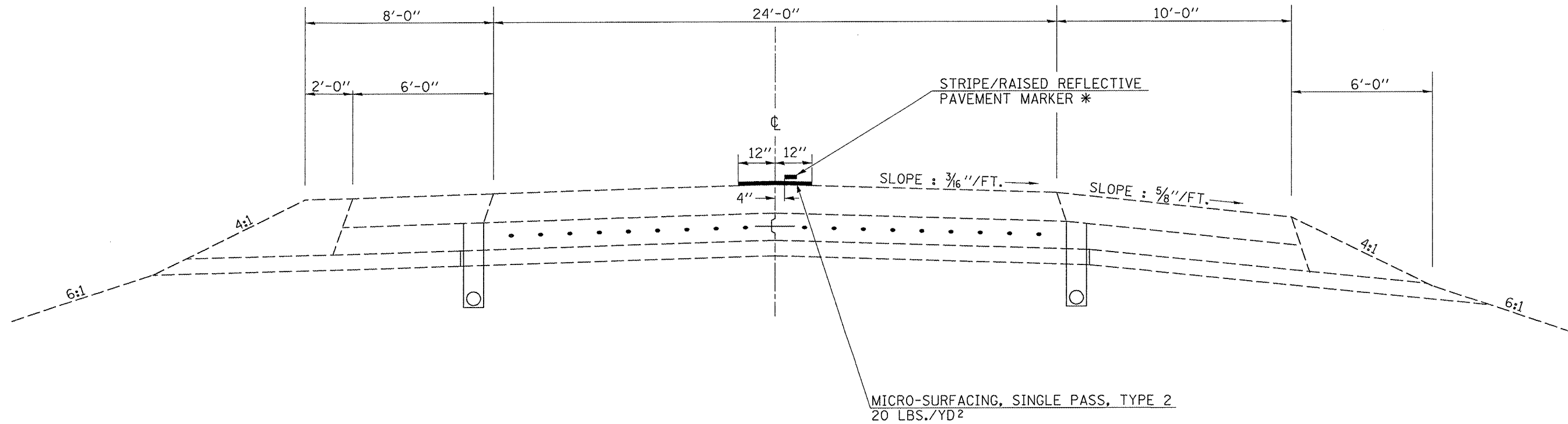
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-17 THRU 24, 9-11)	MCLEAN	B	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70732	

MICRO-SURFACING OMISSIONS

STA. 779+67.94 TO STA. 781+29.22 (SN 057-0120/0121)
 STA. 781+29.22 TO STA. 1126+76.21 (EB ONLY-EXISTING INLAY)
 STA. 1126+76.21 TO STA. 1127+85.71 (SN 057-0128/0129)
 STA. 1038+04.25 TO STA. 1039+95.75 (SN 057-0125/0126)
 STA. 376+15.95 TO STA. 377+52.37 (SN 057-0133/0134)

PROPOSED TYPICAL CROSS SECTION FAI 74

STA. 258+00.00 TO STA. 1554+55.00 *
 STA. 639+50.00 TO STA. 737+12.00 *



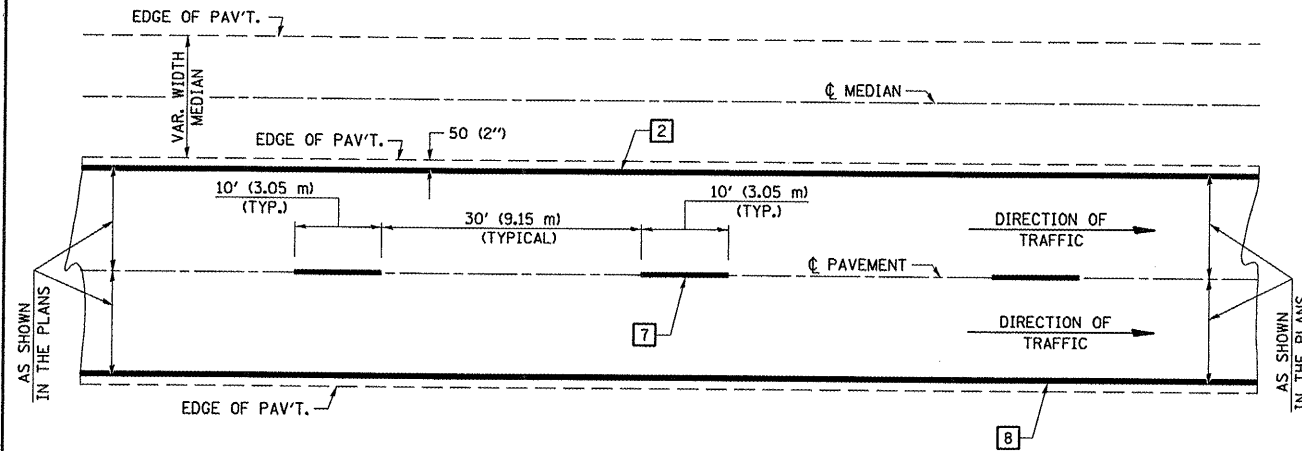
* OFFSET LANE TO BE DESIGNATED BY THE RESIDENT ENGINEER

* EQUATION STATIONS

STA. 1241+13.43 (BK) = STA. 100+00.00 (AH)
 STA. 1808+31.35 (BK) = STA. 187+31.34 (AH)

FILE NAME =	USER NAME = craig	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\d578732\cad\sheet\d578732- ht-typical.dgn	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -					74	(57-17 THRU 24, 9-11)	MCLEAN	8	7
	PLOT DATE = 10/20/2006	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70732				
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY

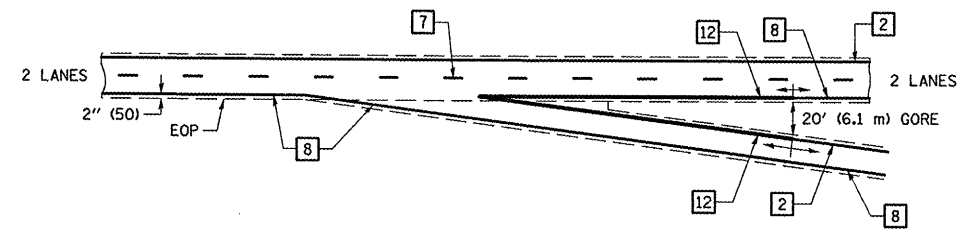


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

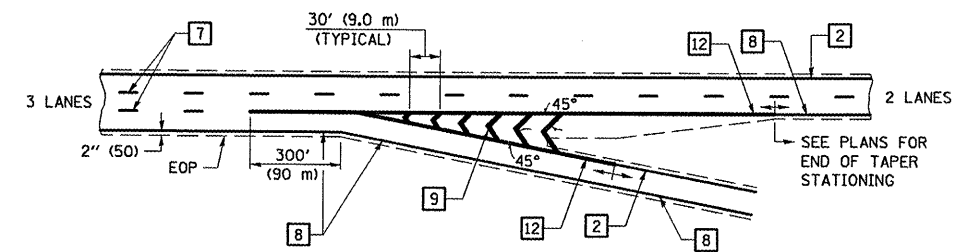
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

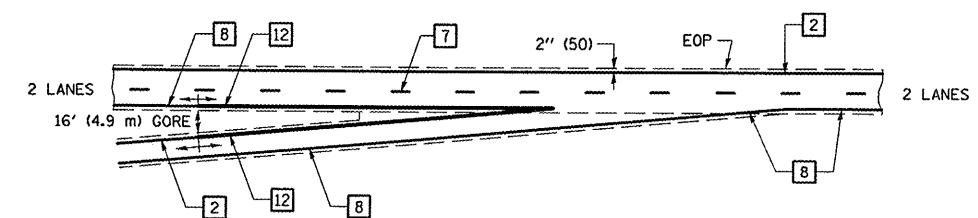
TYPICAL EXIT RAMP TERMINAL



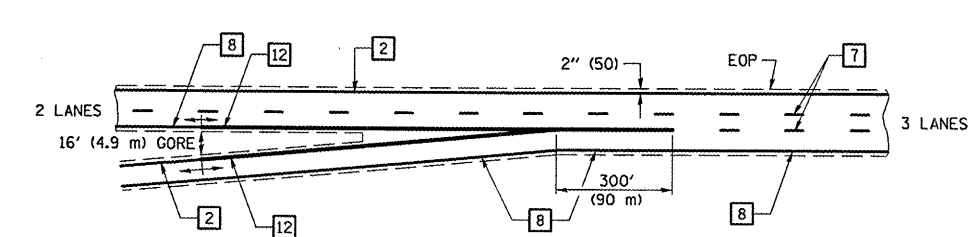
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



TYPICAL ENTRANCE RAMP TERMINAL

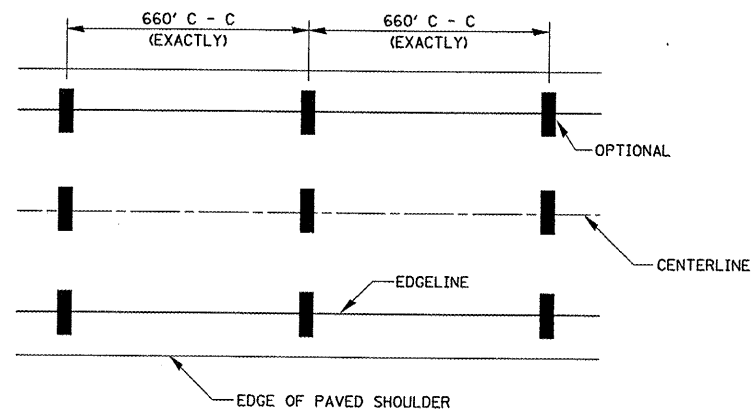


ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE

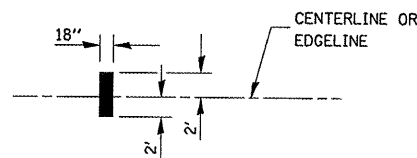


TYPICAL PAVEMENT MARKING LEGEND

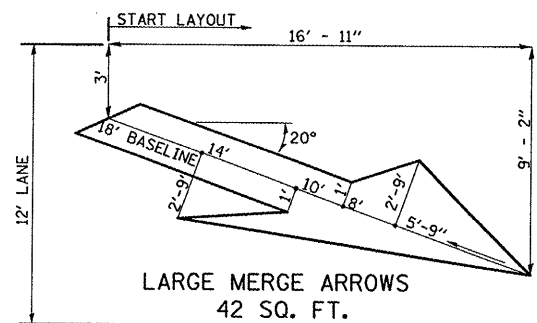
- 1 4" (100) SKIP-DASH (YELLOW)
 - 2 4" (100) SOLID (YELLOW)
 - 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 5 RESERVED
 - 6 RESERVED
 - 7 4" (100) SKIP-DASH (WHITE)
 - 8 4" (100) SOLID (WHITE)
 - 9 12" (300) DIAGONAL (WHITE)
 - 10 6" (150) SOLID (WHITE)
 - 11 24" (600) STOP BAR (WHITE)
 - 12 8" (200) SOLID (WHITE)
 - 13 4" (100) LANE LINE EXTENSIONS (WHITE)
-
-



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



AERIAL SPEED CHECK ZONES



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = craigre	DESIGNED -	REVISED - 11/06
c:\projects\4570732\cadd\sheet\4570732-1-detailed.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 10/20/2008		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

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

DISTRICT 5 DETAIL NO. 7800BBBB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-17 THRU 24, 9-11)	MCLEAN	8	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70732	