

**GENERAL NOTES**

ALL SIGNS PER MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.  
 THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. HE WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.  
 THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS.  
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT. SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.  
 THE LOCATIONS OF KNOWN UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE AND DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THESE UTILITIES AND THE EXISTENCE AND LOCATION OF ANY UTILITY NOT SHOWN ON THE PLANS.  
 THE CONTRACTOR SHALL NOTIFY THE UTILITIES AT LEAST TEN (10) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.  
 BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.

<b>ELECTRIC</b> COMMONWEALTH EDISON ILYAS MOHIUDDIN 25000 S. GOVERNORS HIGHWAY UNIVERSITY PARK, IL. 60466-4100 (708) 235-2692 (815) 641-8562 cell	<b>GAS</b> NICOR GAS MS. CONNIE LANE 1844 FERRY RD. NAPERVILLE, IL. 60563 (630) 388-3830	<b>PIPELINE</b> WOLVERINE PIPELINE COMPANY MR. SCOTT SMITH 14963 S. NEW AVE. LOCKPORT, IL 60441 (815) 325-5357	<b>TELEPHONE</b> AT&T MR. STEVE PESOLA 1000 COMMERCE DR. FLOOR 1 OAKBROOK, IL. 60523 (630) 573-5703
<b>CABLE T.V.</b> COMCAST CABLE COMMUNICATIONS MS. MARTHA GIERAS 688 INDUSTRIAL DR. ELMHURST, IL. 60126 (630) 600-6352	<b>WATER &amp; SEWER</b> VILLAGE OF CRETE MR. THOMAS J. DURKIN VILLAGE ADMINISTRATOR 524 W. EXCHANGE ST. CRETE, IL. 60417 (708) 672-5479	<b>BP PIPELINES</b> (NORTH AMERICA) INC. MR. GARY WHITE (FIELD REP.) 28100 TORCH PKWY. WARRENVILLE, IL. 60555-3958 MOBILE: (815)-999-2857	

THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWER AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.  
 NECESSARY WATER AND SANITARY SEWER UTILITY RELOCATIONS INCLUDED IN THIS CONTRACT. ALL OTHER UTILITY RELOCATIONS WILL BE BY OTHERS.  
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.  
 THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE OR BASES ON WHICH THE HOT-MIX ASPHALT MIXTURE IS TO BE PLACED.  
 THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.

IF ANY LOOSE MATERIAL IS DEPOSITED DURING CONSTRUCTION OPERATIONS IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT IT RESTRICTS THE NATURAL FLOW OF WATER, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THIS CONTRACT.

ALL FRAMES, GRATES, SIGNS, FENCES AND DELINEATORS, NEW OR EXISTING, DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.  
 EXISTING PAVEMENT, DRIVEWAY PAVEMENT, AND EXISTING DRAINAGE STRUCTURES NOT INCLUDED IN THE PLANS FOR REMOVAL, BUT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.  
 ALL SCHOOL DISTRICTS, LOCAL POLICE DEPARTMENTS AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST TEN (10) DAYS PRIOR TO THE START OF CONSTRUCTION.

DEER CREEK CHRISTIAN SCHOOL	708-672-6515
ILLINOIS LUTHERAN HIGH SCHOOL	708-672-3262
ILLINOIS LUTHERAN ELEMENTARY SCHOOL	708-672-5850
WILL COUNTY SHERIFF'S DEPT.	815-727-8575
CRETE TOWNSHIP HIGHWAY DEPT.	708-672-7732
U.S. POSTAL SERVICE, CRETE, IL	708-672-8571
STEGEER ESTATES FIRE PROT. DIST.	708-748-4816
CRETE-MONEE SCHOOL DIST. 201-U	708-367-2500
CRETE TOWNSHIP FIRE PROT. DIST.	708-672-3111
VILLAGE OF CRETE	708-672-5431

WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ALL EXISTING GRANULAR MATERIAL AND HOT-MIX ASPHALT MATERIALS TO BE REMOVED AND NOT PAID AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH EXCAVATION AND WILL BE PAID FOR AT THE UNIT PRICE FOR EARTH EXCAVATION. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING HOT-MIX ASPHALT MATERIAL BY GRINDING OR EXCAVATING THE MATERIAL. IF THE HOT-MIX ASPHALT MATERIAL IS REMOVED BY EXCAVATION, NO SUCH MATERIAL MAY BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER.

THE CONTRACTOR SHALL NOT CROSS COMPLETED SUB-GRADE, BASE COURSE AND / OR EXISTING PAVEMENTS, NOT SCHEDULED TO BE REMOVED, WITH LOADED SCRAPERS.

UTILITY POLES, PEDESTALS, AND MANHOLES SHALL NOT BE DISTURBED BY THE CONTRACTOR. FINISHING AROUND THESE POLES, PEDESTALS, AND MANHOLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOP SOIL PLACEMENT, AGGREGATE BASE COURSE, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.

FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.

ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS OR DITCHES AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID IN ACCORDANCE WITH ARTICLE 109.04.

THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL.  
 TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION. THE LOCATIONS OF TOPSOIL TO BE STOCKPILED WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.  
 THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:  
 GRANULAR MATERIALS----- 2.05 TONS/CU YD  
 BITUMINOUS MATERIALS PRIME COAT----- 0.08 GAL/SQ YD OR 0.375 GAL/SQ YD  
 AGGREGATE PRIME COAT----- 0.002 TONS/SQ YD.  
 HOT-MIX ASPHALT SURFACE COURSE----- 112 LBS/SQ YD/INCH  
 HOT-MIX ASPHALT BINDER COURSE----- 112 LBS/SQ YD/INCH  
 NITROGEN FERTILIZER NUTRIENT----- 60 LBS/ACRE (SODDING) 90 LBS/ACRE (SEEDING)  
 PHOSPHOROUS FERTILIZER NUTRIENT----- 60 LBS/ACRE (SODDING) 90 LBS/ACRE (SEEDING)  
 POTASSIUM FERTILIZER NUTRIENT----- 60 LBS/ACRE (SODDING) 90 LBS/ACRE (SEEDING)  
 SHORT TERM PAVEMENT MARKING----- 10 FT/100 FT OF FINAL APPLICATION  
 LEVELING BINDER (MACHINE METHOD)----- 112 LBS/SQ YD/INCH  
 MULCH----- 2 TONS/ACRE

**WCDH GENERAL NOTES**  
 ALL EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED AND ADEQUATELY BACKFILLED (NO COLD PATCH) PRIOR TO PLACING THE ASPHALT LEVELING BINDER AND SURFACE COURSE.

ALL POTHoles AND OTHER AREAS NEEDING PATCHING IN THE EXISTING PAVEMENT MUST BE COMPLETED BY THE APPLICANT'S CONTRACTOR PRIOR TO PLACEMENT OF THE LEVELING BINDER

ALL COUNTY ROW MONUMENTATION (BOUNDARY CORNERS) SHALL BE ACCORDING TO ARTICLE 1.7.13 OF THE PERMIT REGULATIONS UTILIZING THE "WCDH MONUMENTATION STANDARD".

EXCAVATION AND PAVEMENT WIDENING ON BOTH SIDES OF THE PAVEMENT AT ANY ONE LOCATION AT THE SAME TIME WILL NOT BE PERMITTED PER ARTICLE 701.08 OF THE IDOT SPECS.

PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS SHALL BE USED IN ADVANCE OF THE PROJECT ACCORDING TO IDOT STANDARDS AND SHALL BE IN PLACE A MINIMUM OF 72 HOURS PRIOR TO COMMENCING THE WORK AND REMAIN THROUGHOUT THE ROADWAY CONSTRUCTION WORK.

ALL CONSTRUCTION MATERIALS WITHIN THE COUNTY ROW MUST BE IDOT CERTIFIED. DOCUMENTATION OF MATERIAL CERTIFICATION SHALL BE SUBMITTED PRIOR TO WCDH APPROVAL. ALL CONSTRUCTION MATERIAL NEEDING INSPECTION SHALL BE DONE ACCORDING TO THE LATEST IDOT PROJECT AND PROCEDURES GUIDE.

A PROOF ROLL OF THE SUBGRADE IS REQUIRED PRIOR TO PLACING THE AGGREGATE SUB-BASE AND MUST BE OBSERVED BY A CERTIFIED TESTING COMPANY. NOTIFY THE COUNTY PRIOR TO DOING THE PROOF ROLL.

THE RESIDENT ENGINEER SHALL PROVIDE WCDH A LIST OF MATERIALS USED AND IDENTIFY THEIR ASSOCIATED IDOT CERTIFICATION, SHALL PROVIDE WCDH WITH A COPY OF ALL MATERIAL TESTING COMPANY RESULTS, SHALL SIGN AND PROVIDE WCDH ON A WEEKLY BASIS WEEKLY FIELD REPORTS UTILIZING THE APPROPRIATE IDOT FORM, SHALL SUBMIT TO WCDH A CERTIFICATION LETTER THAT CERTIFIES COMPLIANCE WITH THE PLANS AND SPECIFICATIONS.

RECORD DRAWINGS SHALL BE PREPARED IN ACCORDANCE WITH WCDH REQUIREMENTS AND SHALL BE SUBMITTED IN ELECTRONIC FORMAT.

ALL CONSTRUCTION TO BE ACCORDING TO IDOT DESIGN AND STANDARD SPECIFICATIONS, MUST ADHERE TO THE WILL COUNTY DEPARTMENT OF HIGHWAYS PERMIT REGULATIONS AND ACCESS CONTROL REGULATIONS, AND SHALL FOLLOW THE LATEST WILL COUNTY STORM WATER MANAGEMENT ORDINANCE AND WILL COUNTY WATER RESOURCE ORDINANCE AT ALL TIMES.

ALL DISTURBED GROUND WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE RE-SEEDED (CLASS 2A), FERTILIZED, AND EXCELSIOR BLANKET INSTALLED TO THE SATISFACTION OF THE WILL COUNTY DEPARTMENT OF HIGHWAYS.

VERTICAL HEADWALLS, DECORATIVE SIGNING, PLANTINGS, SHRUBBERY, AND TREES ARE PROHIBITED INSIDE THE COUNTY RIGHT-OF-WAY.

THE WILL COUNTY DEPARTMENT OF HIGHWAYS MUST BE NOTIFIED AT 815-727-8476 A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE OF ANY CONSTRUCTION WITHIN THE COUNTY RIGHT-OF-WAY.

THE WILL COUNTY DEPARTMENT OF HIGHWAYS SHALL NOT BE HELD LIABLE FOR ANY ERRORS OR OMISSIONS IN THESE ENGINEERING PLANS AND SPECIFICATIONS OR FOR ANY ADDITIONAL WORK THAT MAY BE NEEDED DUE TO ERRORS OR OMISSIONS IN THESE ENGINEERING PLANS.

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**LIST OF STANDARDS**

STANDARD NO.	DESCRIPTION
00001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
542001-03	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIAMETER
542006	MULTIPLE CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375MM) THRU 84" (2100 MM) DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-04	TRAVERSABLE PIPE GRATE
542401-01	METAL END SECTION FOR PIPE CULVERTS
542606-02	REINFORCED CONCRETE PIPE TEE
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602301-03	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602416-03	MANHOLE, TYPE A, 8' (2.4 M) DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE B
604041-02	FRAME AND GRATE, TYPE 9
604051-03	FRAME AND GRATE, TYPE 11
604071-04	FRAME AND GRATE, TYPE 20
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606101-04	TYPE A GUTTER (INLET, OUTLET, AND ENTRANCE)
630001-10	STEEL PLATE BEAM GUARDRAIL
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
665001-02	WOVEN WIRE FENCE
666001-01	RIGHT-OF-WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-04	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-03	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LANE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)
BLR 24-2	MAILBOX TURNOUT FOR LOCAL ROADS

**LEGEND**

	TREE (TO BE REMOVED)
	EQUIVALENT ROUND-SIZE
	PROPOSED DITCH FLOW
	EXISTING WETLAND AREAS
	EXISTING PAVEMENT REMOVAL (AREAS NOT TO BE REPLACED)
	PROPOSED AGGREGATE ENTRANCE
	PROPOSED HOT-MIX ASPHALT ENTRANCE & MAILBOX TURNOUT

SUMMARY OF QUANTITIES

ITEM NO.	SPECIALTY ITEM &/OR SPECIAL PROVISION	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
						STP 0004	LOCAL 0004
1		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	57		57
2		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	222		222
3		20100500	TREE REMOVAL, ACRES	ACRE	5.1		5.1
4	SP	20200100	EARTH EXCAVATION	CU YD	54239	54239	
5		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	16032	16032	
6		20700220	POROUS GRANULAR EMBANKMENT	CU YD	162	162	
7		20800150	TRENCH BACKFILL	CU YD	763	763	
8		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	7765	7765	
9		21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	8940	8940	
10		25000210	SEEDING, CLASS 2A	ACRE	14.4	14.4	
11		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1296	1296	
12		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1296	1296	
13		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1296	1296	
14		25100115	MULCH, METHOD 2	ACRE	29.2	29.2	
15		25100630	EROSION CONTROL BLANKET	SQ YD	3891	3891	
16		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	5908	5908	
17	BDE	28000305	TEMPORARY DITCH CHECKS	FOOT	2858	2858	
18		28000400	PERIMETER EROSION BARRIER	FOOT	2236	2236	
19		28000500	INLET AND PIPE PROTECTION	EACH	28	28	
20		28100105	STONE RIPRAP, CLASS A3	SQ YD	190	190	
21		28100107	STONE RIPRAP, CLASS A4	SQ YD	418	418	
22		28100109	STONE RIPRAP, CLASS A5	SQ YD	125	125	
23		28200200	FILTER FABRIC	SQ YD	757	757	
24		30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1067	1067	
25		30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	42045	42045	
26		31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	3950	3950	
27		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	5294	5294	
28		35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	1126	1126	
29		35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	61	61	
30		40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	651	651	
31	SP	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	786	786	
32		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	15763	15763	
33		40600300	AGGREGATE (PRIME COAT)	TON	57	57	
34		40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	157	157	
35		40600895	CONSTRUCTING TEST STRIP	EACH	2	2	
36		40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	911	911	
37		40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	3840	3840	
38		40701941	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13"	SQ YD	25132	25132	
39		40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	199	199	
40		42001300	PROTECTIVE COAT	SQ YD	476	476	

ITEM NO.	SPECIALTY ITEM &/OR SPECIAL PROVISION	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
						STP 0004	LOCAL 0004
41		44000100	PAVEMENT REMOVAL	SQ YD	14930		14930
42		44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	9834		9834
43	SP	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	790		790
44		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	485		485
45		48101200	AGGREGATE SHOULDERS, TYPE B	TON	442		442
46		48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	13941		13941
47	SP	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	
48	SP	50105220	PIPE CULVERT REMOVAL	FOOT	696	696	
49		50800105	REINFORCEMENT BARS	POUND	63510	63510	
50		50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	180	180	
51		51500100	NAME PLATES	EACH	1	1	
52		54003000	CONCRETE BOX CULVERTS	CU YD	340.9	340.9	
53		542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	124	124	
54		542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	194	194	
55		542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	96	96	
56		542A1060	PIPE CULVERTS, CLASS A, TYPE 2 15"	FOOT	44	44	
57	SP	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	130	130	
58	SP	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	270	270	
59	SP	542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	170	170	
60	SP	542D0235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	86	86	
61		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4	
62		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4	4	
63		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1	
64		54213870	STEEL END SECTIONS 15"	EACH	6	6	
65		54213873	STEEL END SECTIONS 18"	EACH	10	10	
66		54213879	STEEL END SECTIONS 24"	EACH	6	6	
67		54213885	STEEL END SECTIONS 30"	EACH	2	2	
68		54260311	TRAVERSABLE PIPE GRATE	FOOT	103	103	
69		54261415	CONCRETE END SECTION, STANDARD 542001, 15", 1:4	EACH	6	6	
70		54262430	CONCRETE END SECTION, STANDARD 542006, 30", 1:4	EACH	4	4	
71		550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	250	250	
72		550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	504	504	
73	SI, SP	56103300	DUCTILE IRON WATER MAIN 12"	FOOT	2875		2875
74	SI, SP	56109210	WATER VALVES TO BE ADJUSTED	EACH	3		3
75	SI	56200300	WATER SERVICE LINE 1"	FOOT	804		804
76	SI, SP	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	5		5
77	SI	56400600	FIRE HYDRANTS	EACH	5		5
78		60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	10		10
79		60100915	PIPE DRAINS 6"	FOOT	397	397	
80		60100925	PIPE DRAINS 8"	FOOT	402	402	

SP=SPECIAL PROVISION SI=SPECIALITY ITEM BDE=BUREAU OF DESIGN AND ENVIRONMENT GBSP=GUIDE BRIDGE SPECIAL PROVISION

FILE NAME = V:\2456\2456q001-REV-10-28-2013.dgn

USER NAME = bdecrane	DESIGNED -	REVISED - 10/28/2013
PLOT SCALE = 1,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 10/28/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

C.H. 49 (EXCHANGE ST.)  
SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1638	05-00086-14-FP	WILL	124	3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63672	

PIPE UNDERDRAINS 4"						
STATION	TO	STATION	SIDE	PIPE UNDERDRAINS 4" FOOT	PIPE UNDERDRAINS 4" (SPECIAL) FOOT	CONCRETE HEADWALLS FOR PIPE DRAINS EACH
C.H. 49 (EXCHANGE ST.)						
177+50.0	TO	178+50.0	LT	100		
177+50.0	TO	178+50.0	RT	100		
177+50.0			RT/LT		1 at 38 = 38	1
183+83.0	TO	188+97.0	LT	514		
183+83.0	TO	188+97.0	RT	514		
188+97.0			RT/LT		1 at 30 = 30	
193+08.9	TO	194+08.9	LT	100		
194+08.9			LT		2 at 14 = 28	1
194+08.9	TO	195+08.9	LT	100		
193+08.9	TO	194+08.9	RT	100		
194+08.9			RT		2 at 14 = 28	1
194+08.9	TO	195+08.9	RT	100		
199+83.0	TO	201+83.0	LT	200		
199+83.0			LT		1 at 22 = 22	1
199+83.0	TO	201+83.0	RT	200		
199+83.0			RT		1 at 22 = 22	1
211+79.4	TO	212+79.4	RT	100		
212+79.4			RT		2 at 14 = 28	1
212+79.4	TO	213+79.4	RT	100		
229+08.2	TO	230+08.2	LT	100		
230+08.2			LT		2 at 14 = 28	1
230+08.2	TO	231+08.2	LT	100		
248+00.0	TO	250+00.0	LT	200		
250+00.0			LT		1 at 16 = 16	1
252+63.7	TO	253+63.7	LT	100		
253+63.7			LT		2 at 12 = 24	1
253+63.7	TO	254+50.0	LT	86		
253+63.7			RT		1 at 16 = 16	1
253+63.7	TO	254+50.0	RT	86		
TOTAL				2900	280	10

ENTRANCES										
LOCATION	AGGREGATE BASE COURSE, TYPE B 12"	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT MIX ASPHALT SURFACING	LEVELING BINDER (MACHINE METHOD), N70	AGGREGATE BASE COURSE, TYPE B, 4"	HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH	STATION	SIDE	TYPE
	SQ YD	TON	GALLON	TON	TON	SQ YD	SQ YD			
C.H. 49 (EXCHANGE ST.)										
179+59.9	RT	PE	47							
179+61.6	LT	FE		67						
184+60.2	LT	FE		83						
184+60.2	RT	FE		65						
188+07.5	LT	PE	112		42	16				
194+22.8	LT	PE	166		63	24				
198+20.5	RT	FE		105						
227+00.0	LT	FE		105						
227+00.0	RT	FE		83						
249+00.0	LT	FE		84						
255+35.4	LT	CE			167	38	23	38		440
CRETE RD.										
503+48.0	LT	PE	118		45	17				
503+87.7	LT	PE	91		35	13				
505+09.4	LT	PE	56		21	8				
505+40.3	LT	PE	56		21	8				
505+97.8	LT	PE	49		19	7				
506+25.6	LT	PE	64		24	9				
COTTAGE GROVE AVE.										
604+00.0	LT	FE		59						
MERIONETH DR.										
701+00.0	RT	PE	214		81	30				
CONNECTOR ROAD (OLD EXCHANGE ST.)										
801+84.8	RT	PE	90		34	13				
804+91.9	LT	PE	63		24	9				
TOTAL				1126	651	594	199	23	38	440

EROSION CONTROL BLANKET							
LOCATION	STATION +/-	TO	STATION +/-	SIDE	LENGTH FOOT	WIDTH FOOT	AREA SQ YD
C.H. 49 (EXCHANGE ST.)							
185+00	TO	194+00	RT		900	6	600
194+00	TO	197+90	RT		390	5	220
198+48	TO	202+00	RT		352	5	196
187+00	TO	188+00	LT		100	5	56
191+48	TO	194+00	LT		252	6	168
204+00	TO	205+00	RT		100	5	56
208+30	TO	214+00	RT		570	8 TO 6	435
208+00	TO	216+74	LT		874	4 TO 17	1022
217+25	TO	222+00	LT		475	17	911
SUB-TOTAL							3664
CRETE RD.							
500+50	TO	501+00	LT		50	5	28
501+89	TO	503+16	LT		127	5	71
501+00	TO	503+25	RT		225	5	28
SUB-TOTAL							127
CONNECTOR ROAD (OLD EXCHANGE ST.)							
803+50	TO	805+00	RT		150	6	100
SUB-TOTAL							100
TOTAL							3891

EXPLORATION TRENCH, 52" DEPTH					
STATION	TO	STATION	SIDE	LENGTH FOOT	
C.H. 49 (EXCHANGE ST.)					
177+50.00	TO	256+50.00	RT	7900	
CRETE RD.					
500+50.00	TO	506+50.00	RT	600	
MERIONETH DR.					
700+35.00	TO	702+50.00	RT	215	
COTTAGE GROVE AVE.					
600+35.00	TO	602+60.00	RT	225	
TOTAL					8940

TREE REMOVAL					
LOCATION	STATION	OFFSET	SIDE	6 TO 15 UNITS DIAMETER	OVER 15 UNITS DIAMETER
C.H. 49 (EXCHANGE ST.)					
188+44.6			37.5	LT	20
188+70.2			34.3	LT	14
188+95.0			33.8	LT	18
189+07.8			28.2	LT	6
189+07.8			28.2	LT	6
189+07.8			28.2	LT	6
189+29.9			41.6	LT	24
189+84.1			64.8	LT	20
190+08.2			57.0	LT	24
190+30.5			34.6	LT	12
190+51.6			63.5	LT	18
208+04.9			6.2	LT	20
212+24.0			7.5	RT	13
CRETE RD.					
504+51.3			27.6	LT	22
MERIONETH DR.					
701+27.7			52.9	RT	18
701+50.0			22.8	RT	38
TOTAL					222

EARTHWORK								
1	2	3	4	5	6	7		
LOCATION	EARTH EXCAVATION	UNSUITABLE OR UNSTABLE MATERIAL	SUITABLE EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTH BALANCE WASTE(+) OR SHORTAGE(-)	TOPSOIL EXCAVATION & PLACEMENT		
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
C.H. 49 (EXCHANGE ST.)								
STAGE 1								
205+00	TO	241+00	28573	4581	24287	10131	14156	3801
STAGE 2B WEST								
178+00	TO	197+00	7218	10322	6135	3395	2740	1446
STAGE 2B EAST								
241+00	TO	256+00	869	-933	739	8927	-8188	933
STAGE 2C								
197+00	TO	205+00	10394	2053	8835	536	8299	829
CRETE RD.								
STAGE 2C								
500+50	TO	506+50	5541	148	4710	114	4596	394
MERIONETH DR.								
STAGE 2C								
700+50	TO	702+50	928	-79	789		789	79
CONNECTOR RD. (OLD EXCHANGE ST.)								
STAGE 2C								
801+00	TO	805+00	429	-106	365	109	256	106
COTTAGE GROVE AVE.								
STAGE 1								
600+50	TO	602+50	144	126	122	649	-527	97
STAGE 2A								
602+00	TO	604+50	143	-80	122	290	-168	80
DETENTION BERMS (SEE DRAINAGE CONTROL STRUCTURE ON SPECIAL DETAIL SHEET)								
						50	-50	
TOTAL			54239	16032	46103	24201	21902	7765

USE PAY ITEM TOTALS BELOW

**INFORMATION:**  
SHRINKAGE FACTORS: EARTH EXCAVATION: 15%  
UC = UNDERCUT (FROM CROSS-SECTIONS)  
C = CUT (FROM CROSS-SECTIONS)  
TSE = TOPSOIL STRIPPING & EARTH EXCAVATION  
TSP = TOPSOIL EXCAVATION & PLACEMENT (COLUMN 7)

COLUMN 1 - LOCATION FROM PLANS  
COLUMN 2 - CUT QUANTITIES FROM CROSS SECTIONS (C)  
COLUMN 3 - CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT = UNDERCUT (UC) + (TOPSOIL STRIPPING & EARTH EXCAVATION (TSE) - TOPSOIL EXCAVATION & PLACEMENT (TSP))  
COLUMN 4 - [(COLUMN 2 - COLUMN 3) x (1-EARTH EXCAVATION SHRINKAGE FACTOR)]  
COLUMN 5 - QUANTITIES FROM CROSS SECTIONS  
COLUMN 6 - = COLUMN 4 - COLUMN 5  
COLUMN 7 - QUANTITIES FROM CROSS SECTIONS, THESE QUANTITIES ARE NOT INCLUDED IN EARTH EXCAVATION OR EMBANKMENT

**PAY ITEMS:**  
COLUMN #2 IS EARTH EXCAVATION = 54239CU YD  
COLUMN #3 IS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 16032CU YD  
COLUMN #7 IS TOPSOIL EXCAVATION & PLACEMENT = 7765CU YD

**NOTES:**  
1. THE TOP 12 INCHES OF THE EXISTING SOILS WITHIN THE LIMITS OF THE PROPOSED PAVEMENT SHALL BE REMOVED (TSE) AS SHOWN IN THE CROSS SECTIONS. THIS WORK SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, OR IF USED FOR TOPSOIL PURPOSES, TOPSOIL EXCAVATION AND PLACEMENT (TSP).  
2. ALL SOILS SHALL BE TESTED BEFORE BEING INCORPORATED INTO THE NEW EMBANKMENT.  
3. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL INCLUDES EXCAVATION OF MATERIAL.

TREE REMOVAL, ACRES				
STATION	TO	STATION	SIDE	ACRE
C.H. 49 (EXCHANGE ST.)				
189+10.7	TO	192+67.2	RT	0.3
190+67.7	TO	194+15.4	LT	0.5
194+74.4	TO	198+12.2	LT	0.3
207+60.4	TO	212+58.2	RT	1.0
207+60.4	TO	214+23.8	LT	1.5
CRETE RD.				
500+05.8	TO	508+55.1	LT & RT	1.5
TOTAL				5.1

BERM PROTECTION			
LOCATION	STONE RIPRAP, CLASS A4	FILTER FABRIC	
STATION	SIDE	SQ YD	
C.H. 49 (EXCHANGE ST.)			
208+09.00	RT	143	149
214+91.00	RT	104	110
216+70.00	LT	171	177
TOTAL		418	436

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

C.H. 49 (EXCHANGE ST.)  
SCHEDULES OF QUANTITIES  
SCALE: N/A SHEET NO. 1 OF 6 SHEETS STA. N/A TO STA. N/A

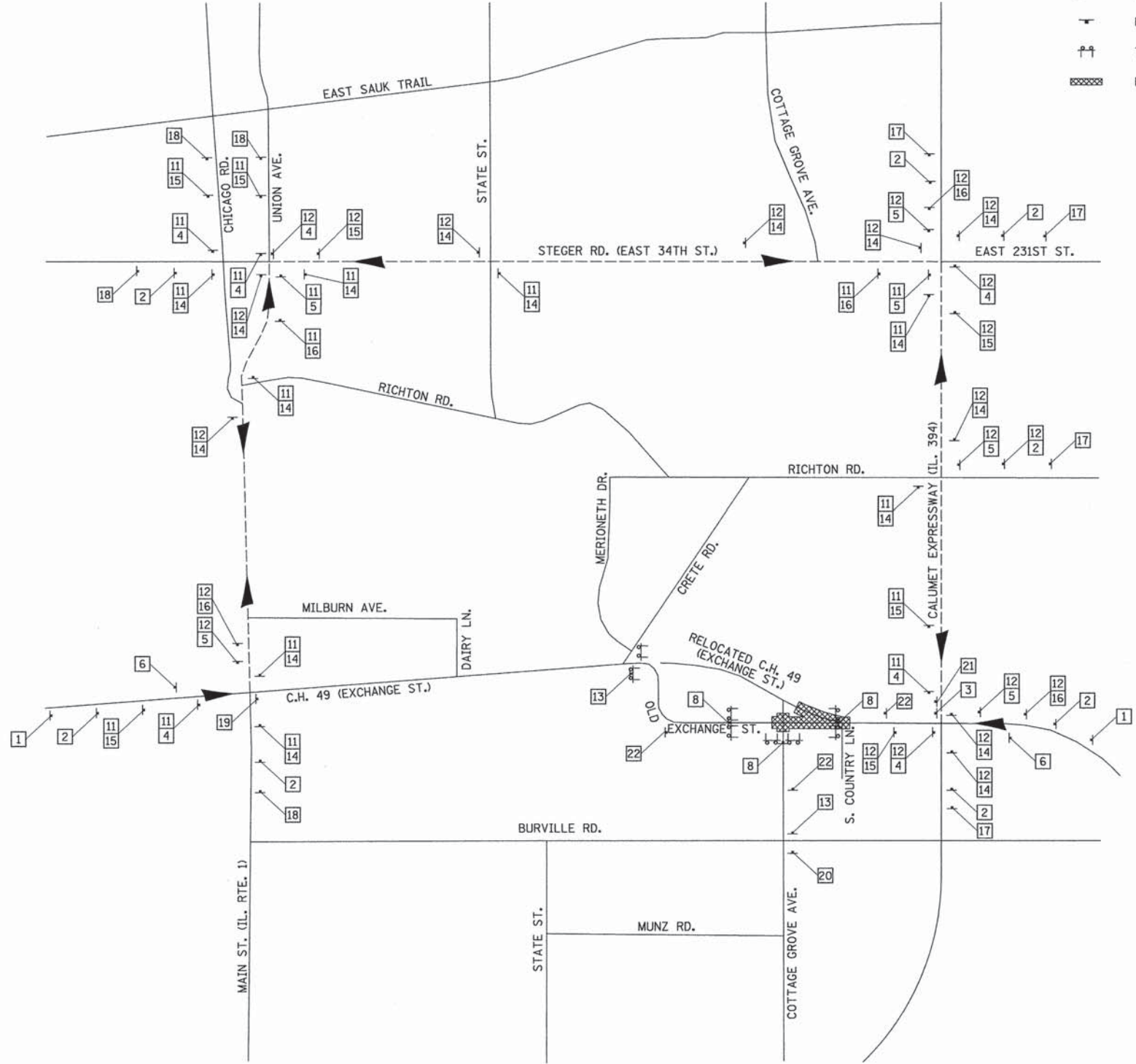
F.A.J. RTE. 1638 SECTION 05-00086-14-FP COUNTY WILL TOTAL SHEETS 124 SHEET NO. 14 CONTRACT NO. 63672  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

**GENERAL NOTES**

1. THE TEMPORARY DETOUR IS INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR".
2. DISTANCE BETWEEN ALL ADVANCE WARNING SIGNS SHOULD BE PER THE LATEST EDITION OF MUTCD AND DISTRICT DETAIL TC-21.
3. SEE DISTRICT DETAIL TC-21 FOR ADDITIONAL DETAILS.

**MAP LEGEND**

- PROPOSED DETOUR ROUTE
- ▲ POST MOUNTED SIGN
- ↑↑ TYPE III BARRICADE
- ▨ ROAD CLOSURE LOCATION



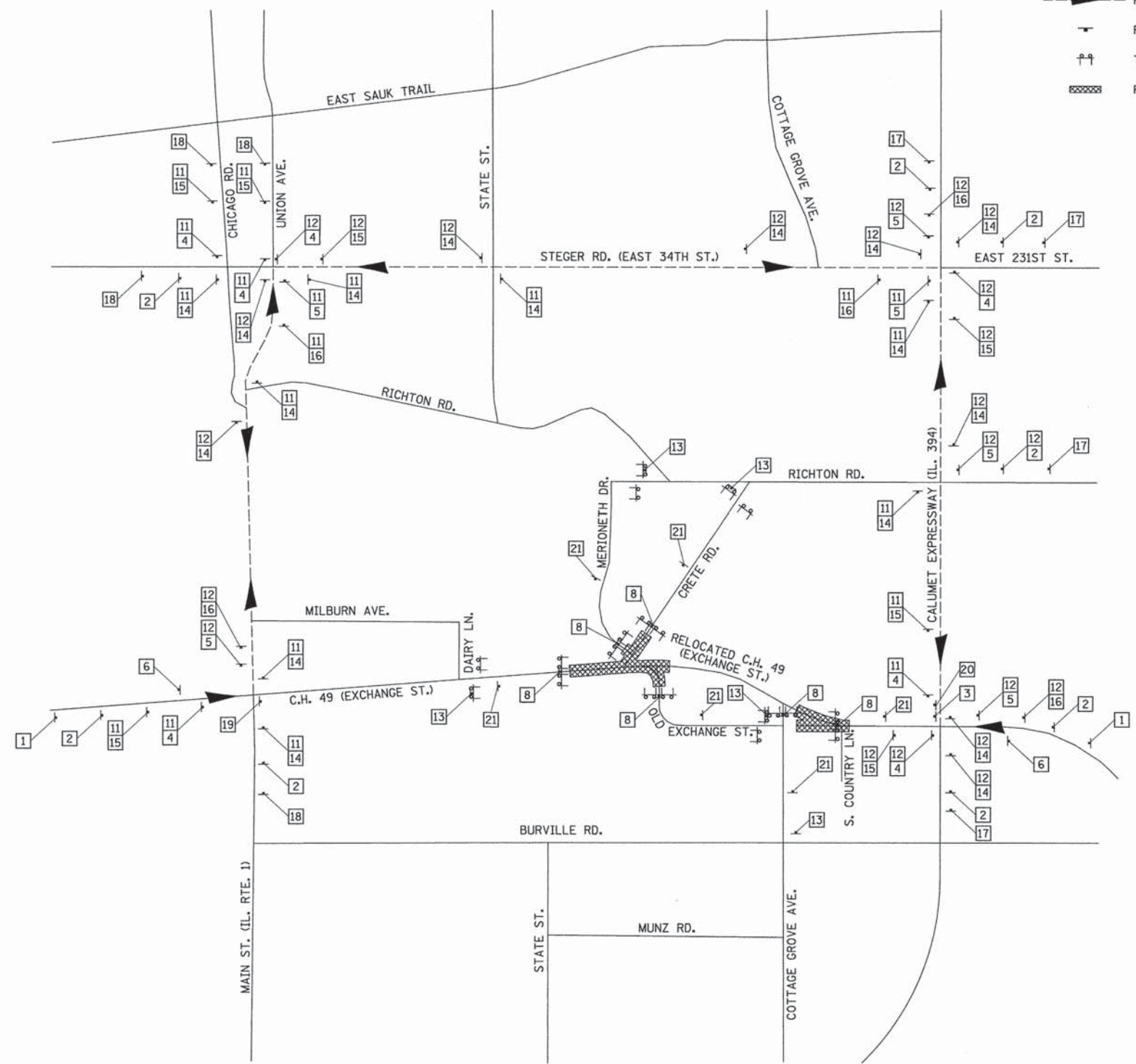
- 1 FLASHING WARNING LIGHT  
ROAD CLOSED AHEAD W20-3 48" x 48"
- 2 FLASHING WARNING LIGHT  
DETOUR AHEAD W20-2 48" x 48"
- 3 ROAD CLOSED TO THRU TRAFFIC R11-2 60" x 30"  
DETOUR M4-10R 48" x 18"
- 4 EXCHANGE ST. DETOUR 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12"  
M4-9L 48" x 36"
- 5 EXCHANGE ST. DETOUR 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12"  
M4-9R 48" x 36"
- 6 END DETOUR M4-8A 24" x 18"
- 8 ROAD CLOSED R11-2 48" x 30"
- 9 R3-1 24" x 24"
- 10 R3-2 24" x 24"
- 11 EAST M3-3 24" x 12"
- 12 WEST M3-4 24" x 12"
- 13 ROAD CLOSED TO THRU TRAFFIC R11-2 48" x 30"
- 14 EXCHANGE ST. DETOUR 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12"  
M4-9 48" x 36"
- 15 EXCHANGE ST. DETOUR 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12"  
M4-9L 48" x 36"
- 16 EXCHANGE ST. DETOUR 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12"  
M4-9R 48" x 36"
- 17 EXCHANGE ST. CLOSED WEST OF S. COUNTRY LN. 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 36"
- 18 EXCHANGE ST. CLOSED EAST OF DAIRY LN. 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 36"
- 19 ROAD CLOSED TO THRU TRAFFIC R11-2 60" x 30"  
DETOUR M4-10L 48" x 18"
- 20 COTTAGE GROVE AVE. CLOSED AT EXCHANGE ST. 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 36"
- 21 LOCAL BUSINESSES OPEN WHITE LETTERING ON GREEN BACKGROUND
- 22 FLASHING WARNING LIGHT  
ROAD CLOSED 500 FT W20-3 48" x 48"

**GENERAL NOTES**

1. THE TEMPORARY DETOUR IS INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR".
2. DISTANCE BETWEEN ALL ADVANCE WARNING SIGNS SHOULD BE PER THE LATEST EDITION OF MUTCD AND DISTRICT DETAIL TC-21.
3. SEE DISTRICT DETAIL TC-21 FOR ADDITIONAL DETAILS.

**MAP LEGEND**

- PROPOSED DETOUR ROUTE
- POST MOUNTED SIGN
- TYPE III BARRICADE
- ROAD CLOSURE LOCATION



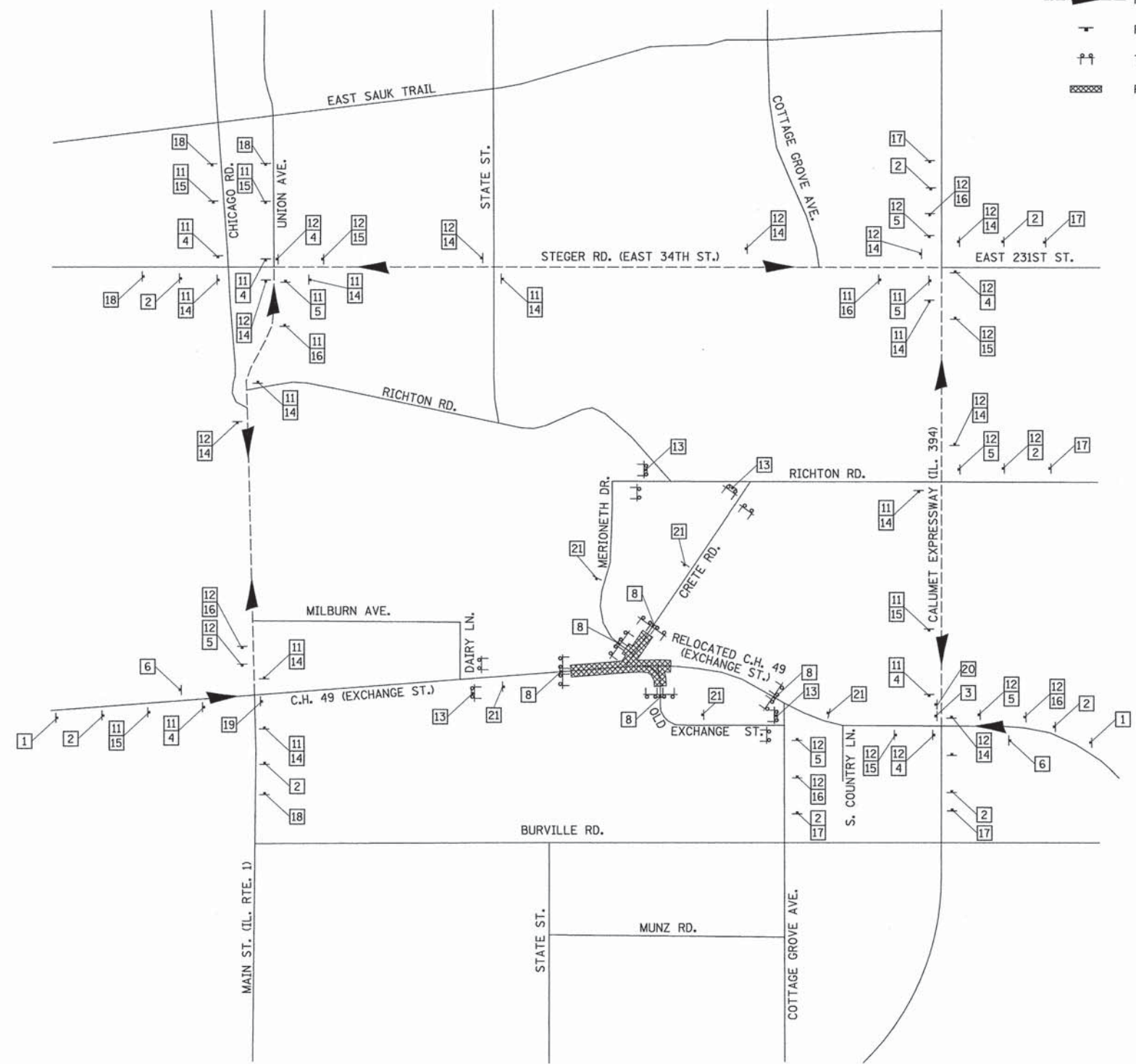
1	FLASHING WARNING LIGHT ROAD CLOSED AHEAD W20-3 48" x 48"	12	WEST M3-4 24" x 12"
2	FLASHING WARNING LIGHT DETOUR AHEAD W20-2 48" x 48"	13	ROAD CLOSED TO THRU TRAFFIC R11-2 48" x 30"
3	ROAD CLOSED TO THRU TRAFFIC DETOUR R11-2 60" x 30" M4-10R 48" x 18"	14	EXCHANGE ST. DETOUR 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12" M4-9 48" x 36"
4	EXCHANGE ST. DETOUR 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12" M4-9L 48" x 36"	15	EXCHANGE ST. DETOUR 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12" M4-9L 48" x 36"
5	EXCHANGE ST. DETOUR 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12" M4-9R 48" x 36"	16	EXCHANGE ST. DETOUR 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12" M4-9R 48" x 36"
6	END DETOUR M4-8A 24" x 18"	17	EXCHANGE ST. CLOSED WEST OF COTTAGE GROVE AVE. 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 36"
8	ROAD CLOSED R11-2 48" x 30"	18	EXCHANGE ST. CLOSED EAST OF DAIRY LN. 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 36"
9	R3-1 24" x 24"	19	ROAD CLOSED TO THRU TRAFFIC DETOUR R11-2 60" x 30" M4-10L 48" x 18"
10	R3-2 24" x 24"	20	LOCAL BUSINESSES OPEN WHITE LETTERING ON GREEN BACKGROUND
11	EAST M3-3 24" x 12"	21	FLASHING WARNING LIGHT ROAD CLOSED 500 FT W20-3 48" x 48"

**GENERAL NOTES**

1. THE TEMPORARY DETOUR IS INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR".
2. DISTANCE BETWEEN ALL ADVANCE WARNING SIGNS SHOULD BE PER THE LATEST EDITION OF MUTCD AND DISTRICT DETAIL TC-21.
3. SEE DISTRICT DETAIL TC-21 FOR ADDITIONAL DETAILS.

**MAP LEGEND**

- PROPOSED DETOUR ROUTE
- POST MOUNTED SIGN
- ↑↑ TYPE III BARRICADE
- ▬▬▬ ROAD CLOSURE LOCATION




1	FLASHING WARNING LIGHT <b>ROAD CLOSED AHEAD</b> W20-3 48" x 48"	11	<b>EAST</b> M3-3 24" x 12"
2	FLASHING WARNING LIGHT <b>DETOUR AHEAD</b> W20-2 48" x 48"	12	<b>WEST</b> M3-4 24" x 12"
3	<b>ROAD CLOSED TO THRU TRAFFIC</b> R11-2 60" x 30"	13	<b>ROAD CLOSED TO THRU TRAFFIC</b> R11-2 48" x 30"
4	<b>EXCHANGE ST. DETOUR</b> (Right Arrow) M4-10R 48" x 18"	14	<b>EXCHANGE ST. DETOUR</b> (Up Arrow) 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12" M4-9 48" x 36"
5	<b>EXCHANGE ST. DETOUR</b> (Left Arrow) M4-9L 48" x 36"	15	<b>EXCHANGE ST. DETOUR</b> (Left Turn Arrow) 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12" M4-9L 48" x 36"
6	<b>EXCHANGE ST. DETOUR</b> (Right Arrow) M4-9R 48" x 36"	16	<b>EXCHANGE ST. DETOUR</b> (Right Turn Arrow) 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 12" M4-9R 48" x 36"
8	<b>END DETOUR</b> M4-8A 24" x 18"	17	<b>EXCHANGE ST. CLOSED WEST OF COTTAGE GROVE AVE.</b> 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 36"
9	<b>ROAD CLOSED</b> R11-2 48" x 30"	18	<b>EXCHANGE ST. CLOSED EAST OF DAIRY LN.</b> 6" BLACK LETTERING ON ORANGE BACKGROUND 48" x 36"
10	<b>ROAD CLOSED</b> (Right Turn Prohibited) R3-1 24" x 24"	19	<b>ROAD CLOSED TO THRU TRAFFIC</b> (Left Arrow) R11-2 60" x 30" M4-10L 48" x 18"
	<b>ROAD CLOSED</b> (Left Turn Prohibited) R3-2 24" x 24"	20	<b>LOCAL BUSINESSES OPEN</b> WHITE LETTERING ON GREEN BACKGROUND
	<b>ROAD CLOSED 500 FT</b> W20-3 48" x 48"	21	FLASHING WARNING LIGHT <b>ROAD CLOSED 500 FT</b> W20-3 48" x 48"


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PLOT DATE = 10/28/2013	DATE - -	REVISIONS - -	DATE - -


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>C.H. 49 (EXCHANGE ST.) STAGE 2C DETOUR PLAN</b>		F.A.U. RTE. 1638	SECTION 05-00086-14-FP	COUNTY WILL	TOTAL SHEETS 124	SHEET NO. 44
SCALE: N/A	SHEET NO. 3 OF 3 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 63672		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT				


**ROUTE MARKERS**


 FOR U.S. ROUTES  
MI-40-2424


 FOR ILLINOIS ROUTES  
MI-50-2424


 R.R. UNMARKED ROUTES  
SPECIAL 24" x 18" VARIABLE  
4" BLACK LETTERS ON WHITE  
REFLECTIVE BACKGROUND


**ARROWS SIGNS**

 M5-1L-2115


 M5-1R-2115


 M6-1-2115


 M6-1-2115


 M6-3-2115


**CARDINAL DIRECTION & DETOUR SIGNS**

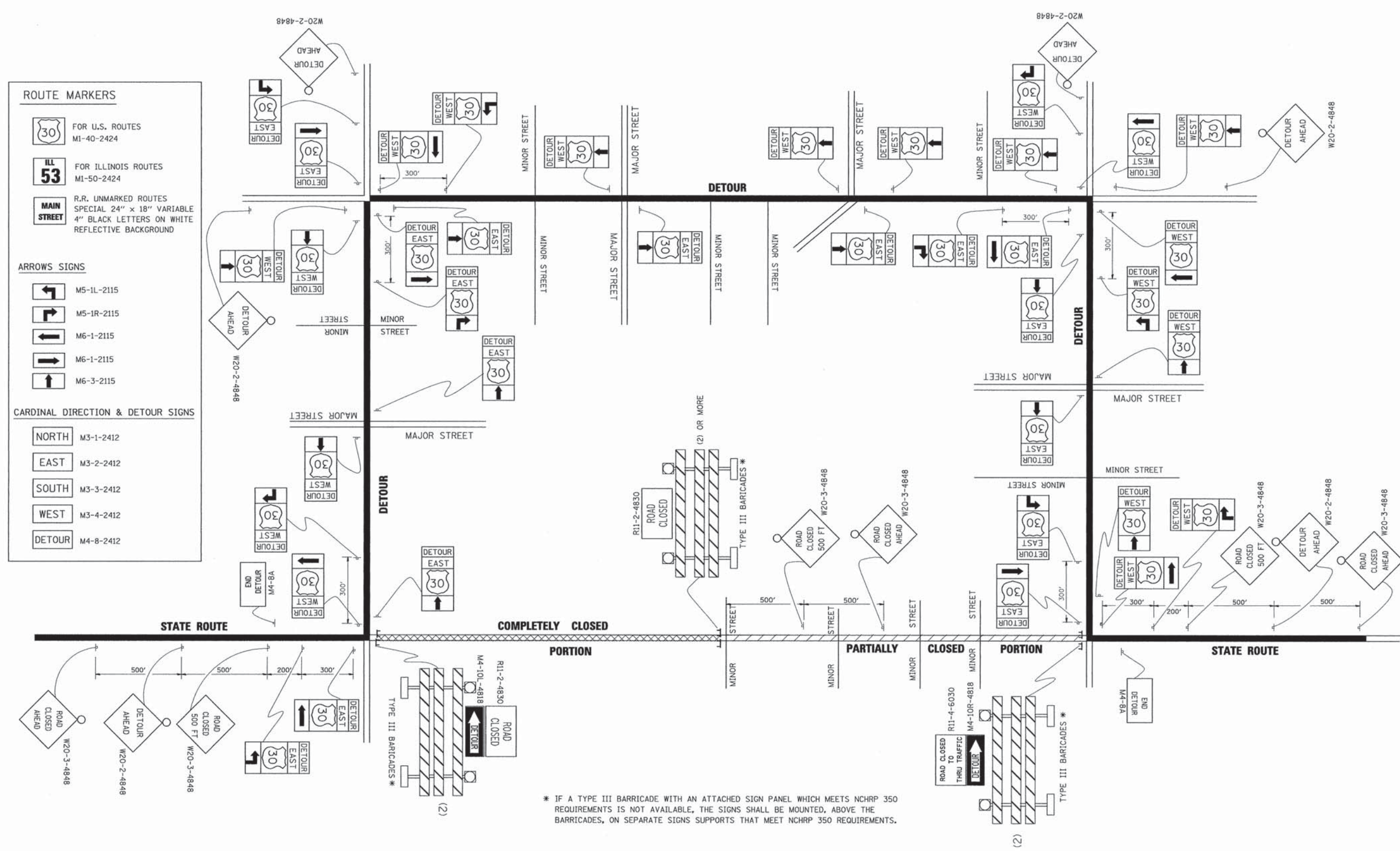
 NORTH M3-1-2412

 EAST M3-2-2412

 SOUTH M3-3-2412

 WEST M3-4-2412

 DETOUR M4-8-2412



\* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

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		DRAWN -	REVISED - R. BORO 09-14-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	1638	05-00086-14-PP	WILL	124	88A
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		PLOT DATE = 9/14/2009	DATE -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				