9-18-09 Letting, Item 058

F.A.U.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2594/2592	094-00091-01-RS	COOK	14	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 63243		

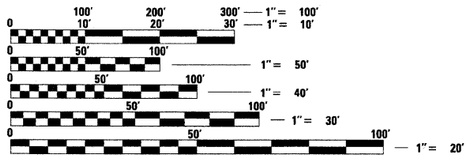
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4–5	TYPICAL SECTIONS
6	SCHEDULES OF QUANTITIES
7	DETOUR NOTES AND PLAN
8–9	OVERALL PLAN
10	CONSTRUCTION DETAILS
11	BUTT JOINT AND HMA TAPER DETAILS (DIST 1 STD BD–32)
12	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW–PLOW RESISTANT) (DIST 1 STD TC–11)
13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (DIST 1 STD TC–13)
14	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS & DRIVEWAYS (DIST 1 STD TC–10) ARTERIAL ROAD INFORMATION SIGN (DIST 1 STD TC–22)

LIST OF STATE STANDARDS LOCATED ON SHEET NO. 2

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.

PROJECT LOCATED IN THE CITY OF ROLLING MEADOWS

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123 OR 811
T41N, R11E, SECTION 6, 7
T41N, R10E, SECTION 1, 12
T42N, R10E, SECTION 26, 35



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

DESIGN DESIGNATION
MAJOR COLLECTORS

TRAFFIC DATA:
WEST FRONTAGE
ADT = 3,250
POSTED/DESIGN SPEED = VARIES 15 to 35 MPH
EAST FRONTAGE
ADT = 6,200
POSTED/DESIGN SPEED = VARIES 15 to 35 MPH

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFESSIONAL DESIGN FIRM NO.: 184-001175
EXPIRATION DATE: APRIL 30, 2011

CONTRACT NO. 63243

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. 2594 (EAST FRONTAGE RD) AND F.A.U. 2592 (WEST FRONTAGE RD) IL ROUTE 53

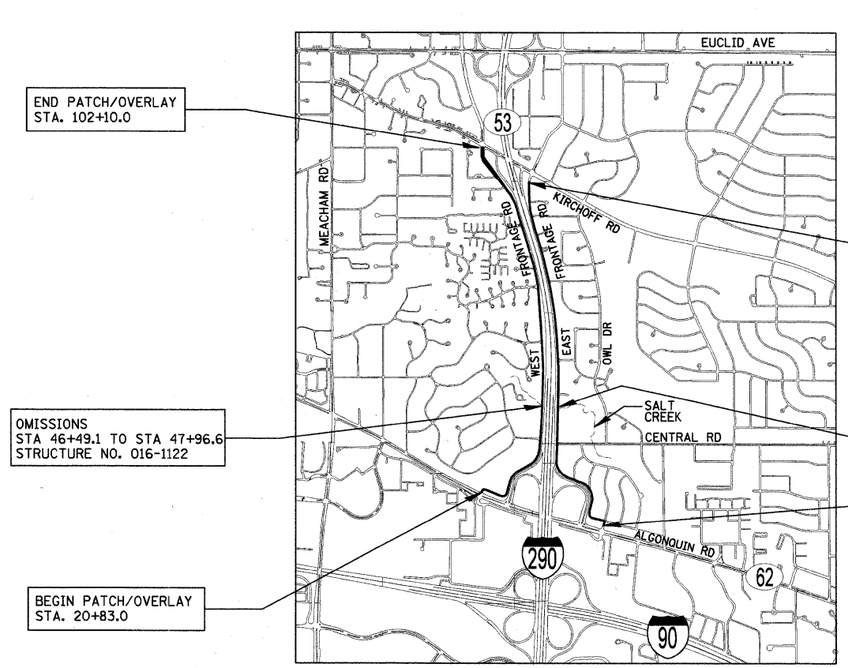
SECTION 09–00091–01–RS

PROJECT NO. ARA–9003(420)

F.A.P. 0339 (IL RTE 62 (ALGONQUIN RD)) TO F.A.U. 3517 (KIRCHOFF RD)
ROADWAY PATCHING AND OVERLAY

COOK COUNTY

JOB NO. C–91–809–09



LOCATION MAP

GROSS LENGTH OF PROJECT = 16,180 LINEAL FEET (3.06 MILES)
NET LENGTH OF PROJECT = 15,792 LINEAL FEET (3.00 MILES)

LOCATION OF SECTION INDICATED THUS: –■–

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED June 29 20 09
Frank Vash
CITY OF ROLLING MEADOWS, Director of Public Works
TITLE

PASSED July 16 20 09
Christopher Hurt
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW July 16 20 09
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

BRYAN L. LUKE
ILLINOIS REGISTRATION No. 062-054957 ENGINEER
EXPIRATION DATE: 11/30/2009

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

ASSOCIATE FIELD ENGINEER: KEVIN STALLWORTH, PE
201 W. CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
(847) 705-4169

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" WAY 1996 FIFTH EDITION, THE "DETAILS" IN THE PLANS, LATEST EDITION OF THE MANUAL OF TEST PROCEDURE OF MATERIALS, THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS, THE AMERICANS WITH DISABILITIES ACT OF 1990 ACCESSIBILITY GUIDELINES, THE "DRAFT" REHABILITATION ACT OF 1973 (SECTION 504), AND THE PUBLIC RIGHT-OF-WAY ACESSIBILITY GUIDELINES.

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

3. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
   A. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
   B. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE, MAINTAIN AND RE-ERECT SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS.
   C. THE CONTRACTOR WILL REMOVE ALL UNUSED SIGNS NOT CALLED OUT TO BE RELOCATED. ALL UNUSED SIGNS WILL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE ENGINEER. THE WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL (SPECIAL).
   D. SIGNS WILL BE INSTALLED PER IDOT HIGHWAY STANDARD 720006 AT TEMPORARY AND PERMANENT LOCATIONS.

4. LANE CLOSURES
   A. THE CONTRACTOR SHALL WORK EXPEDITIOUSLY TO OPEN TRAFFIC LANES CLOSED DUE TO ROADWORK. THE ENGINEER SHALL BE THE SOLE JUDGE OF WHEN A LANE IS READY TO BE OPENED TO TRAFFIC.
   B. THE OPENING OF THE LANE TO TRAFFIC SHALL BE IN ACCORDANCE WITH SECTION 107.29 OF THE STANDARD SPECIFICATIONS.
   C. ROADWORK REQUIRING A CLOSURE OF A LANE, WHICH HAS BEEN OPENED PREVIOUSLY TO TRAFFIC, WILL BE ALLOWED AT THE DISCRETION OF THE ENGINEER AND UNDER THE FOLLOWING CONDITIONS:
      1) THE LANE CLOSURE SHALL ONLY BE IN EFFECT WHILE WORKERS ARE PRESENT IN OR NEAR THE CLOSED LANE.
      2) THE CLOSED LANE WILL BE REOPENED TO TRAFFIC AT THE END OF THE WORKDAY.
      3) ALL TRAFFIC CONTROL DEVICES PERTAINING TO THE LANE CLOSURE SHALL BE REMOVED FROM THE ROADWAY AT THE END OF THE WORKDAY.

5. MATERIAL TRANSFER DEVICES SHALL NOT CROSS BRIDGES SN 016-1122 AND SN 016-1123.

6. EARTH EXCAVATION

   A. EXCAVATION REQUIRED TO CLEAN SIDE ROAD DITCHES, CONSTRUCT DRIVEWAYS OR CONSTRUCT SIDE ROAD APPROACHES SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION.

   B. ALL EXCESS MATERIAL FROM SEWER TRENCHES, WIDENING, SIDEROADS, ENTRANCES OR OTHER NECESSARY EXCAVATIONS WHICH MEET SECTION 205 OF THE STANDARD SPECIFICATIONS SHALL BE USED AS EMBANKMENT PER SECTION 205 OF THE STANDARD SPECIFICATIONS .

   C. EARTH EXCAVATION SHALL CONFORM TO THE REQUIREMENTS OF SECTION 202 OF THE "STANDARD SPECIFICATIONS", IN ADDITION TO ITEMS SPECIFIED IN SECTION 202 AND AS NOTED IN THE PLANS AND SPECIAL PROVISIONS, EARTH EXCAVATION SHALL CONSIST OF:
      1. EXCAVATION TO SUBGRADE ELEVATION.
      2. PLACING AND COMPACTING SUITABLE EXCAVATED MATERIAL FOR FILL AREAS IN ACCORDANCE WITH SECTION 205 OF THE "STANDARD SPECIFICATIONS".

   EARTH MOVED MORE THAN ONCE DUE TO CONSTRUCTION STAGING AND/OR PROCEDURES SELECTED BY THE CONTRACTOR WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.

   E. PAVEMENT REMOVAL INCLUDES THE CONCRETE PAVEMENT AND/OR HOT-MIX ASPHALT PAVEMENT (INCLUDING PAVEMENT FABRIC, AND RE-BARS) AND THE POZZALONIC STABILIZED BASE; THE ANTICIPATED AVERAGE DEPTH OF PAVEMENT IS 9.5".

7. DRAINAGE

   A. DURING THE CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

   B. PIPE UNDERDRAINS, 4" WILL BE INSTALLED AT 0.3% MIN. SLOPE AND CONNECT TO DRAINAGE STRUCTURE NO LOWER THAN THE SPRINGLINE OF THE STRUCTURE'S OUTLET PIPE. INSIDE EDGE OF PIPE TRENCH WILL BE IN-LINE AND PARALLEL TO BACK EDGE OF PAVEMENT. COST OF CONNECTING PIPE UNDERDRAINS 4" TO DRAINAGE STRUCTURE IS INCLUDED IN THE UNIT COST OF PIPE UNDERDRAINS 4"

   C. ANY DEWATERING REQUIRED TO KEEP EXCAVATIONS DRY SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

   D. ALL ADJUSTMENT RINGS FOR ALL STRUCTURES SHALL BE RUBBER.

8. ENTRANCES
   ENTRANCES (AND SIDEWALK) SHALL NOT BE REMOVED UNTIL THE DAY FOR PLACEMENT OF THE NEW CURB/GUTTER (OR CURB/GUTTER AND SIDEWALK). THE CONTRACTOR SHALL INSTALL THE PROPOSED ENTRANCE WITHIN 2 CALENDAR DAYS FOLLOWING PLACEMENT OF CURB/GUTTER (OR CURB/GUTTER AND SIDEWALK). ENTRANCES WITH WIDTHS 16' AND WIDER SHALL BE CONSTRUCTED ONE-HALF-AT-A-TIME, WITH THE OTHER SIDE ALWAYS OPEN TO TRAFFIC. ENTRANCES NOT CONSTRUCTED ONE-HALF-AT-A-TIME SHALL BE RE-OPENED TO TRAFFIC WITHIN 7 CALENDAR DAYS.

   AT NO ADDITIONAL COST TO THE CONTRACT, THE CONTRACTOR MAY EXTEND THE 7 CALENDAR DAYS REQUIREMENT TO 14 CALENDAR DAYS BY PROVIDING TEMPORARY ACCESS THROUGHOUT THE DURATION OF THE ABOVE PROCESS. THE ENTRANCE SHALL NOT BE CLOSED FOR MORE THAT 7 CALENDAR DAY TOTAL. THIS TEMPORARY ACCESS SHALL BE COMPACTED CRUSHED AGGREGATE THAT FILLS THE EXCAVATED LIMITS OF THE ENTRANCE AND FORMS A FIRM AND STABLE SURFACE THAT IS GRADED TO FINAL DRIVEWAY GRADE, AS APPROVED BY THE ENGINEER. THE MATERIALS AND WORK ASSOCIATED WITH INSTALLING, MAINTAINING, AND REMOVING THIS TEMPORARY ACCESS SHALL BE AT CONTRACTOR'S EXPENSE.

   COMMERCIAL DRIVEWAYS -
   A. HMA CE SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; 2"
      ON HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6"
      ON AGGREGATE BASE COURSE, TYPE B; 2".
   B. CONC CE SHALL BE PCC DRIVEWAY PAVEMENT 8"
      ON AGGREGATE BASE COURSE, TYPE B; 2".
   C. CROSS SLOPE OF PCC SIDEWALK SHALL NOT BE STEEPER THAN 2%.

   RESIDENTIAL DRIVEWAYS -
   A. HMA PE SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; 2"
      ON HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"
      ON AGGREGATE BASE COURSE, TYPE B; 2".
   B. CONC PE SHALL BE PCC DRIVEWAY PAVEMENT 6"
      ON AGGREGATE BASE COURSE, TYPE B; 2".
   C. CROSS SLOPE OF PCC SIDEWALK SHALL NOT BE STEEPER THAN 2%.

9. ANY REFERENCE TO STANDARDS IN THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE LATEST STANDARDS OF THE DEPARTMENT.

10. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.

11. THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.

12. UTILITIES
   A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. CONTRACTOR SHALL CONTACT AND COORDINATE WITH UTILITY COMPANIES FOR ALL UTILITY ADJUSTMENTS THAT ARE REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE SPECIAL PROVISIONS.

   B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

   C. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 OR 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES (48 HOURS NOTIFICATION IS REQUIRED.)

   D. PUBLIC AND PRIVATE UTILITIES: THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM.

13. WATER, STORM SEWER, AND SANITARY SEWER

   A. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.

   B. THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE CITY WATER DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

14. MISCELLANEOUS

   A. ALL PEDESTRIAN ROUTES CONSTRUCTED AS PART OF THIS PROJECT SHALL BE ADA COMPLIANT.

   B. DEPRESSED CURBS ACESSIBLE TO THE HANDICAPPED SHALL BE PROVIDED AT ALL INTERSECTING STREETS. THE TRANSITION FROM FULL HEIGHT CURB TO DEPRESSED CURB WILL BE 6' LONG. THIS WORK IS INCLUDED IN THE COST OF THE ASSOCIATED CONC. CURB AND GUTTER.

   C. TYPE "A" SIDEWALK RAMPS FOR THE HANDICAPPED SHALL BE INSTALLED AT ALL INTERSECTING STREETS (SEE STANDARD 424001 FOR CONSTRUCTION DETAILS).

   D. DETECTABLE WARNINGS SHALL BE PLACED IN SIDEWALK AT ALL INTERSECTING SIDESTREETS BEHIND DEPRESSED CONCRETE CURB AND GUTTER.

   E. ALL SAWCUTTING SHALL BE INCIDENTAL TO REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

   F. THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM THICKNESS PERMITTED.

   G. THE PROTECTIVE COATING SHALL BE APPLIED TO THE EXPOSED SURFACES OF THE CONCRETE CURB AND GUTTER, SIDEWALK, AND DRIVEWAYS. CONCRETE CURING SHALL BE LIMITED TO METHODS SPECIFIED IN ARTICLE 1020.13 (A) [1], [2], AND [3].

   H. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4407 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

   I. CONTRACTOR WILL REPAIR, TO THE SATISFACTION OF THE ENGINEER, ALL DAMAGE TO EXISTING ITEMS NOT SHOWN FOR REMOVAL. THIS WORK WILL BE DONE BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

   J. THE CONTRACT DOCUMENTS ARE NOT INTENDED TO SHOW EVERY AND ALL DETAILS OF WORK TO BE PERFORMED OR EQUIPMENT TO BE SUPPLIED. THE INTENT OF THE CONTRACT DOCUMENTS IS TO ILLUSTRATE THE DESIGN AND LAYOUT. THE CONTRACTOR SHALL BE KNOWLEDGEABLE AND REGULARLY ENGAGED IN THE TYPE OF WORK DESCRIBED BY THESE CONTRACT DOCUMENTS, AND SHALL BE RESPONSIBLE FOR UNDERSTANDING THEIR INTENT. ANY WORK TO BE PERFORMED OR ITEM OF EQUIPMENT TO BE SUPPLIED WHICH IS NOT SPECIFICALLY CALLED FOR BY THESE CONTRACT DOCUMENTS BUT WHICH IS NECESSARY TO PROVIDE A COMPLETE AND SUCCESSFUL WORKING SYSTEM SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER.

   K. CONSTRUCTION LAYOUT IS THE RESPONSIBILITY OF THE CONTRACTOR. RESIDENT ENGINEER MAY ASSIST IN LAYOUT.

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ONE LANE OF TRAFFIC WILL BE MAINTAINED AT ALL TIMES.
2. THE CONTRACTOR SHALL NOTIFY IDOT AND THE CITY OF ROLLING MEADOWS TEN (10) DAYS PRIOR TO THE ESTIMATED DATE THAT THE ROADWAY WILL BE READY FOR THE APPLICATION OF PERMANENT PAVEMENT MARKING. IT SHALL BE THE CONTRACTOR'S RESONSIBILITY TO HAVE THE ROADWAY CLEANED OF ANY DIRT, GRAVEL, OIL, ETC. ON THE DAY PAVEMENT MARKINGS ARE APPLIED.
3. BARRICADE MINIMUM SPACING: 50' C-C TANGENT SECTION, 20' C-C SHIFTS, DROPS AND IN MEDIANS, 15' C-C AT CORNERS, OR AS SHOWN ON HIGHWAY STANDARDS AND DISTRICT ONE DETAILS.
4. ALL SIGNAGE TO BE IN ACCORDANCE WITH MUTCD. SUGGESTED MAINTENANCE OF TRAFFIC SHOWN IS MINIMUM REQUIRED; CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL MEASURES AS DIRECTED BY RESIDENT ENGINEER. THIS WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
5. THE CONTRACTOR SHALL COMPLETE ALL IMPROVEMENTS TO WEST FRONTAGE ROAD IL RTE 53 PRIOR TO BEGINNING ANY WORK ON EAST FRONTAGE ROAD IL RTE 53.
6. AT EACH ENTRANCE: ALL DRIVEWAY AND CURB/GUTTER IN FRONT OF DRIVEWAYS MUST BE POURED/PLACED WITHIN 72 HOURS AFTER THE REMOVAL OF EXIST DRIVEWAY AND EXIST CURB/GUTTER.

SUGGESTED STAGING SEQUENCE

PRE-STAGE

MAINTENANCE OF TRAFFIC
- LANE CLOSURES IN ACCORDANCE WITH IDOT STANDARDS 701301, 720006, 701901 AND DIST. 1 DET TC-22, MUTCD AND AS DIRECTED BY THE ENGINEER.

CONSTRUCTION
- PLACE EROSION CONTROL ITEMS PROJECT WIDE.
- SET UP DETOUR ROUTE SIGNAGE FOR WEST FRONTAGE ROAD DETOUR.

STAGE IA (WEST FRONTAGE ROAD)

MAINTENANCE OF TRAFFIC
- LANE CLOSURES IN ACCORDANCE WITH IDOT STANDARDS 701701, 701901, 701801 AND DIST. 1 DET TC-10, MUTCD AND AS DIRECTED BY THE ENGINEER.
- RELOCATE TRAFFIC TO 1-WAY (SOUTH) ON WEST FRONTAGE ROAD. ALL EAST FRONTAGE ROAD LANES TO REMAIN OPEN.

CONSTRUCTION
- PATCH WEST SIDE OF WEST FRONTAGE ROAD.
- REMOVE/ REPLACE CURB & GUTTER, ENTRANCES AND SIDEWALKS.
- HMA OVERLAY WILL NOT BE PLACED AT THIS TIME.
- PATCH EAST SIDE OF WEST FRONTAGE ROAD.
- HMA OVERLAY WILL NOT BE PLACED AT THIS TIME.

STAGE IB (WEST FRONTAGE ROAD)

MAINTENANCE OF TRAFFIC
- LANE CLOSURES IN ACCORDANCE WITH IDOT STANDARDS 701301, MUTCD AND AS DIRECTED BY THE ENGINEER.
- RELOCATE WEST FRONTAGE ROAD TRAFFIC TO FINAL LANE CONFIGURATION.

CONSTRUCTION
- MAINTAIN EROSION CONTROL ITEMS AS DIRECTED BY THE ENGINEER.
- PLACE SODDING/TOPSOIL/FERTILIZERS.
- MILL EXISTING HMA PAVEMENTS AS NEEDED FOR OVERLAY.
- PLACE HMA OVERLAY AND HMA SHOULDERS.
- PLACE FINAL PAVEMENT MARKINGS.
- REMOVE DETOUR ROUTE SIGNAGE FOR WEST FRONTAGE ROAD DETOUR.
- SET UP DETOUR ROUTE SIGNAGE FOR EAST FRONTAGE ROAD DETOUR.
- REMOVE TEMPORARY EROSION CONTROL ITEMS AS DIRECTED BY THE ENGINEER.

STAGE IIA (EAST FRONTAGE ROAD)

MAINTENANCE OF TRAFFIC
- LANE CLOSURES IN ACCORDANCE WITH IDOT STANDARDS 701701, 701901, 701801 AND DIST. 1 DET TC-10, MUTCD AND AS DIRECTED BY THE ENGINEER.
- RELOCATE TRAFFIC TO 1-WAY (NORTH) ON EAST FRONTAGE ROAD. ALL WEST FRONTAGE ROAD LANES TO REMAIN OPEN.

CONSTRUCTION
- PATCH EAST SIDE OF EAST FRONTAGE ROAD.
- REMOVE/ REPLACE CURB & GUTTER, ENTRANCES AND SIDEWALKS.
- HMA OVERLAY WILL NOT BE PLACED AT THIS TIME.
- PATCH WEST SIDE OF EAST FRONTAGE ROAD.
- HMA OVERLAY WILL NOT BE PLACED AT THIS TIME.
- PLACE SHORT TERM PAVEMENT MARKINGS.

STAGE IIB (EAST FRONTAGE ROAD)

MAINTENANCE OF TRAFFIC
- LANE CLOSURES IN ACCORDANCE WITH IDOT STANDARDS 701301, MUTCD AND AS DIRECTED BY THE ENGINEER.
- RELOCATE EAST FRONTAGE ROAD TRAFFIC TO FINAL LANE CONFIGURATION.

CONSTRUCTION
- MAINTAIN EROSION CONTROL ITEMS AS DIRECTED BY THE ENGINEER.
- PLACE SODDING/TOPSOIL/FERTILIZERS.
- MILL EXISTING HMA PAVEMENTS AS NEEDED FOR OVERLAY.
- PLACE HMA OVERLAY AND HMA SHOULDERS.
- PLACE FINAL PAVEMENT MARKINGS.
- REMOVE DETOUR ROUTE SIGNAGE FOR EAST FRONTAGE ROAD DETOUR.
- REMOVE TEMPORARY EROSION CONTROL ITEMS AS DIRECTED BY THE ENGINEER.

LIST OF HIGHWAY STANDARDS

280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420111-02	PCC PAVEMENT ROUNDOUTS
424001-05	CURB RAMPS FOR SIDEWALK
442101-07	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-03	SUB-SURFACE DRAINS
602301-02	INLET TYPE A
604066-02	FRAME AND LID TYPE 15
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS

EROSION CONTROL NOTES:

1. SEE STORM WATER POLLUTION PREVENTION PLAN FOR ADDITIONAL REQUIREMENTS.
2. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
3. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
4. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES.
5. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
6. THE CONTRACTOR SHALL INSTALL/MAINTAIN/ REMOVE PERIMETER EROSION BARRIER ALONG THE EAST SIDE OF THE WEST FRONTAGE ROAD, THE WEST SIDE OF THE EAST FRONTAGE ROAD , AT ALL OTHER LOCATIONS WHERE STORM WATER SHEET FLOWS OUT OF THE WORK ZONE, AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.
7. THE CONTRACTOR SHALL INSTALL/MAINTAIN/REMOVE INLET FILTERS IN ALL OPEN LID DRAINAGE STRUCTURES IN THE PAVEMENT THAT ARE WITHIN THE WORK ZONE OR ACCEPT STORMWATER THAT FLOWS OUT OF THE WORK ZONE, AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR SHALL INSTALL/MAINTAIN/REMOVE INLET AND PIPE PROTECTION IN ALL OPEN LID DRAINAGE STRUCTURES IN THE PARKWAYS THAT ARE WITHIN THE WORK ZONE OR ACCEPT STORMWATER THAT FLOWS OUT OF THE WORK ZONE, AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.
9. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS AND IN THE STORM WATER POLLUTION PREVENTION PLAN ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE

NOTE: BOXED ITEMS ARE INCIDENTAL TO THE CONTRACT

FILE NAME = N:\ROLLINGMEADOWS\98B03BR185\Civil\NOT_98B03BR185.SHT	USER NAME = BLUKE	DESIGNED - BLL	REVISED -
		DRAWN - MJC	REVISED -
	PLOT SCALE = 1" = 20'	CHECKED - JGS	REVISED -
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST & WEST FRONTAGE ROADS IL RTE 53
GENERAL NOTES

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

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	2
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LOCATION OF PROJECT: F.A.U. 2594 (EAST FRONTAGE RD) IL ROUTE 53 AND F.A.U. 2592 (WEST FRONTAGE RD) IL ROUTE 53
COOK COUNTY

	CODE NO	DESCRIPTION	UNIT	TOTAL QUANTITY	1000-2A	Y003	Y007
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	30	---	30	---
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30	---	30	---
+	20101000	TEMPORARY FENCE	FOOT	400	---	400	---
	20101200	TREE ROOT PRUNING	EACH	45	---	45	---
	20200100	EARTH EXCAVATION	CU YD	2934	2934	---	---
+	20200410	EARTH EXCAVATION (SPECIAL)	CU YD	1200	1200	---	---
+	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	587	587	---	---
+	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	587	587	---	---
+	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7034	7034	---	---
+	21101610	TOPSOIL, FURNISH AND PLACE, 3"	SQ YD	3000	3000	---	---
	21101615	TOPSOIL FURNISH AND PLACE 4"	SQ YD	4031	---	4031	---
+	21400100	GRADING AND SHAPING DITCHES	FOOT	1500	1500	---	---
+	25000210	SEEDING, CLASS 2A	ACRE	0.7	0.7	---	---
+	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	114	---	114	---
+	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	114	---	114	---
+	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	114	---	114	---
+	25100630	EROSION CONTROL BLANKET	SQ YD	3000	3000	---	---
	25200110	SODDING, SALT TOLERANT	SQ YD	3520	---	3520	---
+	25200200	SUPPLEMENTAL WATERING	UNIT	4	---	4	---
+	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	---	100	---
+	28000300	TEMPORARY DITCH CHECKS	EACH	39	39	---	---
	28000400	PERIMETER EROSION BARRIER	FOOT	15840	---	15840	---
	28000510	INLET FILTERS	EACH	24	---	24	---
+	28100107	STONE RIPRAP, CLASS A4	SQ YD	50	50	---	---
	35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	1622	1622	---	---
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	19690	19690	---	---
+	40600300	AGGREGATE (PRIME COAT)	TON	50	50	---	---
+	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	15	15	---	---
	40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	2432	2432	---	---
	40600895	CONSTRUCTING TEST STRIP	EACH	1	1	---	---
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	282	282	---	---
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3451	3451	---	---
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5513	5513	---	---
	42001300	PROTECTIVE COAT	SQ YD	4512	4512	---	---
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1553	1553	---	---
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	636	636	---	---
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	21163	21163	---	---
	42400800	DETECTABLE WARNINGS	SQ FT	675	675	---	---
+	44000100	PAVEMENT REMOVAL	SQ YD	100	100	---	---
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	4814.9	4814.9	---	---
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2067	2067	---	---
	44000300	CURB REMOVAL	FOOT	830	830	---	---

* SPECIALTY ITEM
\+ PORTION OF QUANTITY IS PROVISIONAL, TO BE USED AS DIRECTED BY ENGINEER
△ Y080

	CODE NO	DESCRIPTION	UNIT	TOTAL QUANTITY	1000-2A	Y003	Y007
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7673	7673	---	---
	44000600	SIDEWALK REMOVAL	SQ FT	20155	20155	---	---
+	44200956	CLASS B PATCHES, TYPE II, 9 INCH (MODIFIED)	SQ YD	2990	2990	---	---
+	44200962	CLASS B PATCHES, TYPE III, 9 INCH (MODIFIED)	SQ YD	5979	5979	---	---
+	44200964	CLASS B PATCHES, TYPE IV, 9 INCH (MODIFIED)	SQ YD	985	985	---	---
						---	---
	45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	7975	7975	---	---
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	6810	6810	---	---
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4	---	---
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	32	32	---	---
	60107600	PIPE UNDERDRAINS 4"	FOOT	2415	---	---	2415
+	60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	3	---	---	3
	60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	4	4	---	---
+	60250200	CATCH BASIN TO BE ADJUSTED	EACH	18	---	---	18
	60255500	MANHOLES TO BE ADJUSTED	EACH	4	---	---	4
	60260100	INLETS TO BE ADJUSTED	EACH	8	---	---	8
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	6	---	---	6
+	60500040	REMOVING MANHOLES	EACH	3	---	---	3
+	66400105	CHAIN LINK FENCE, 4'	FOOT	1500	1500	---	---
+	66410300	CHAIN LINK FENCE REMOVAL	FOOT	1500	1500	---	---
	67100100	MOBILIZATION	L SUM	1	1	---	---
	70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	---	---
	70101900	TRAFFIC CONTROL AND PROTECTION, (DETOUR 1)	L SUM	1	1	---	---
	70102000	TRAFFIC CONTROL AND PROTECTION, (DETOUR 2)	L SUM	1	1	---	---
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	7920	7920	---	---
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	63360	63360	---	---
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	576	576	---	---
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	63360	63360	---	---
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	100	100	---	---
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	288	288	---	---
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	291	291	---	---
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	882	882	---	---
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	291	291	---	---
	X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	3	---	---	3
	XX000671	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12	FOOT	9225	9225	---	---
	Z0014800	CULVERT TO BE CLEANED	FOOT	70	---	---	70
+	Z0019600	DUST CONTROL WATERING	UNIT	2	2	---	---
△	Z0076600	TRAINEES FUND CODE: Y080	HOUR	1000	---	---	---
+	XX005065	CLASS B PATCHES (HIGH EARLY CONCRETE)	SQ YD	50	50	---	---
	X4520105	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER) (MODIFIED)	FOOT	1746	1746	---	---

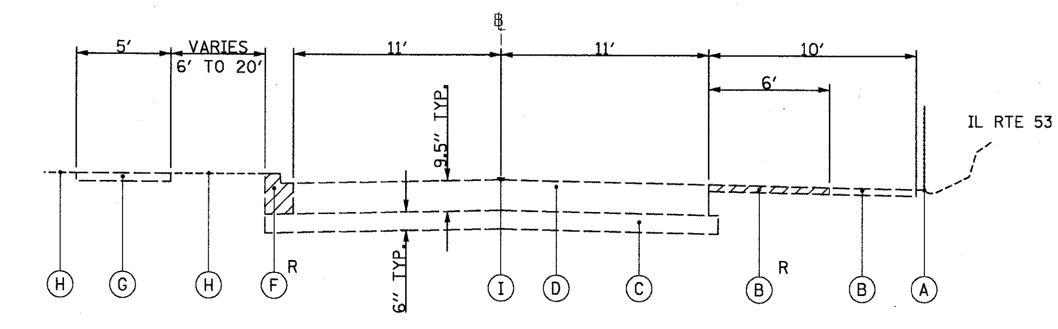
FILE NAME = N:\ROLLINGMEADOWS\98036IBR05\Civil\QUA.98036IBR05-01.SHT	USER NAME = BLUKE	DESIGNED - BLL	REVISED -
		DRAWN - MJC	REVISED -
	PLOT SCALE = 1" = 20'	CHECKED - JGS	REVISED -
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST & WEST FRONTAGE ROADS IL RTE 53
SUMMARY OF QUANTITIES

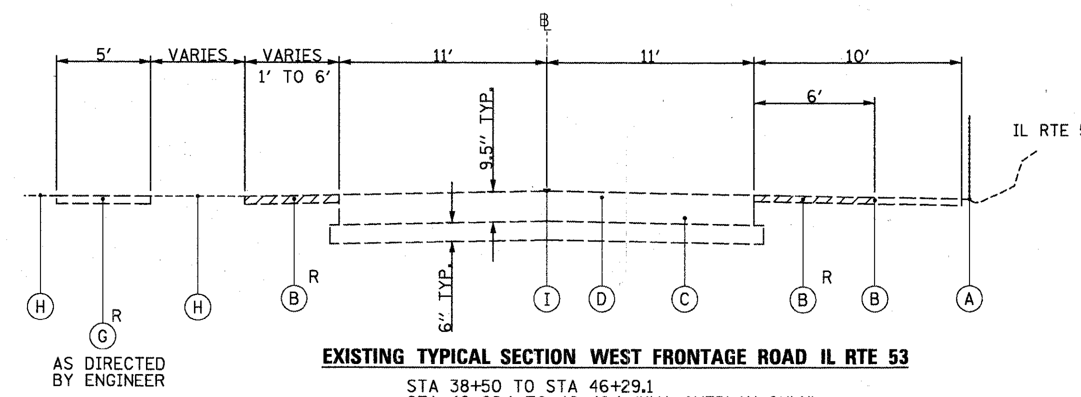
SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	3
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



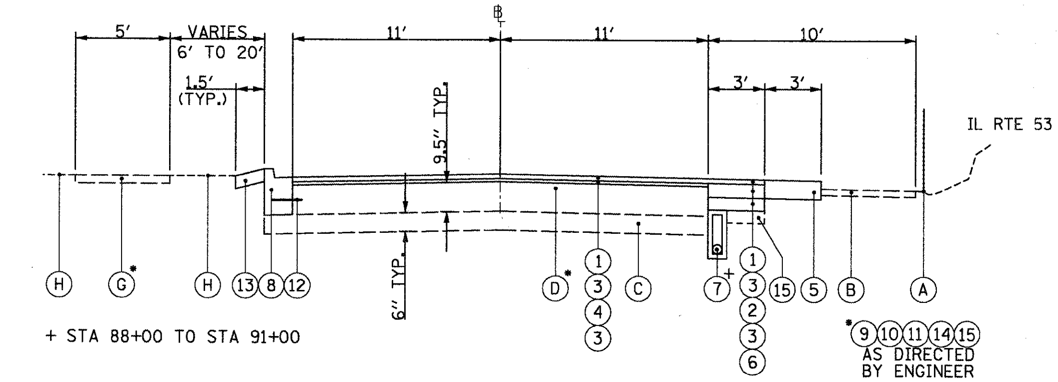
EXISTING TYPICAL SECTION WEST FRONTAGE ROAD IL RTE 53

STA 20+83 TO STA 22+00
STA 88+00 TO STA 96+50



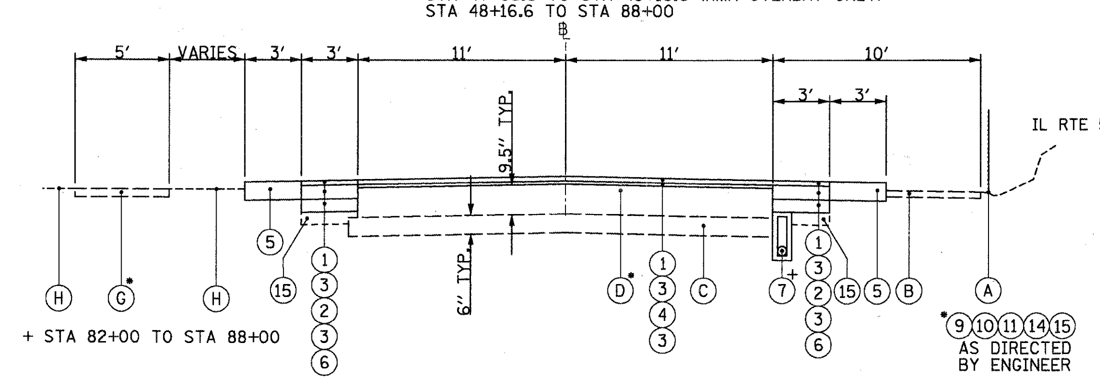
EXISTING TYPICAL SECTION WEST FRONTAGE ROAD IL RTE 53

STA 38+50 TO STA 46+29.1
STA 46+29.1 TO 46+49.1 (HMA OVERLAY ONLY)
STA 46+49.1 TO STA 47+96.6 BRIDGE OMISSION (SN 016-1122)
STA 47+96.6 TO STA 48+16.6 (HMA OVERLAY ONLY)
STA 48+16.6 TO STA 88+00



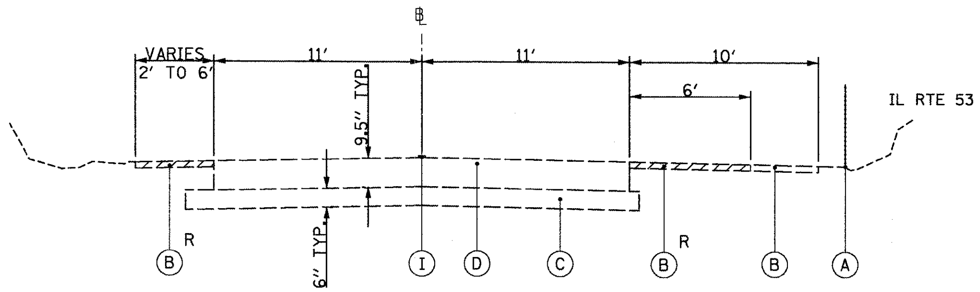
PROPOSED TYPICAL SECTION WEST FRONTAGE ROAD IL RTE 53

STA 20+83 TO STA 22+00
STA 88+00 TO STA 96+50



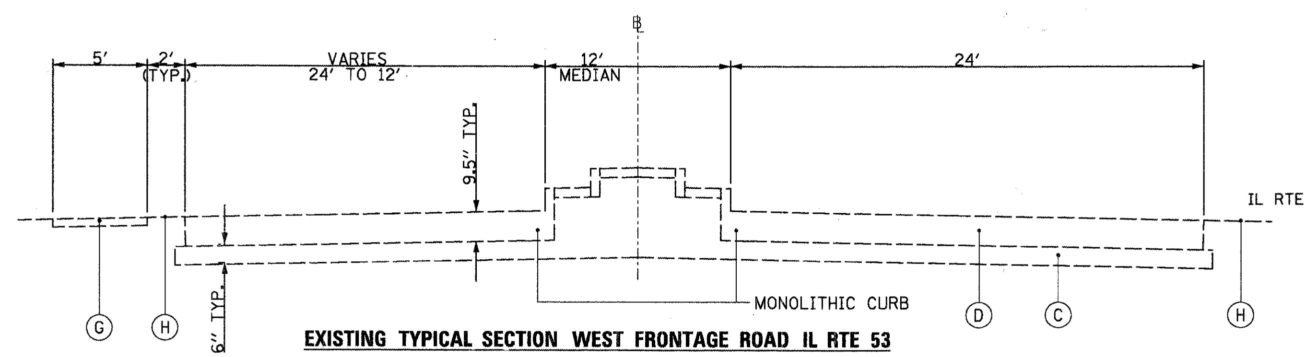
PROPOSED TYPICAL SECTION WEST FRONTAGE ROAD IL RTE 53

STA 38+50 TO STA 46+29.1
STA 46+29.1 TO 46+49.1 (HMA OVERLAY ONLY)
STA 46+49.1 TO STA 47+96.6 BRIDGE OMISSION (SN 016-1122)
STA 47+96.6 TO STA 48+16.6 (HMA OVERLAY ONLY)
STA 48+16.6 TO STA 88+00



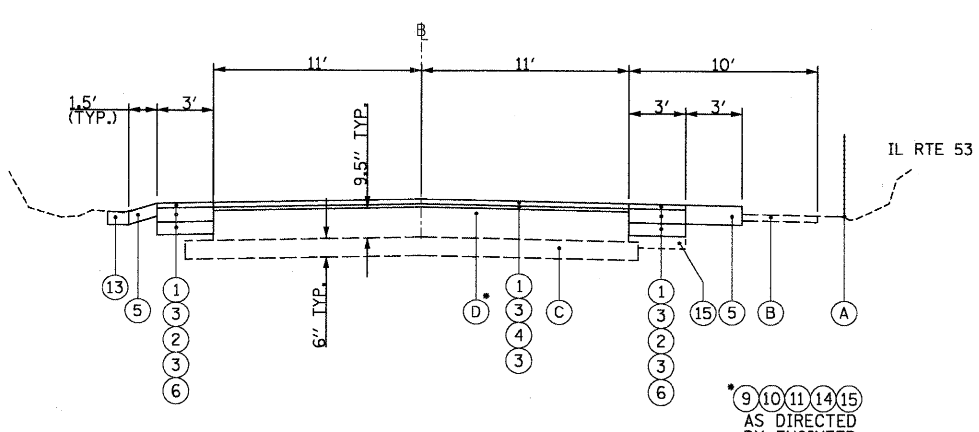
EXISTING TYPICAL SECTION WEST FRONTAGE ROAD IL RTE 53

STA 22+00 TO STA 38+50



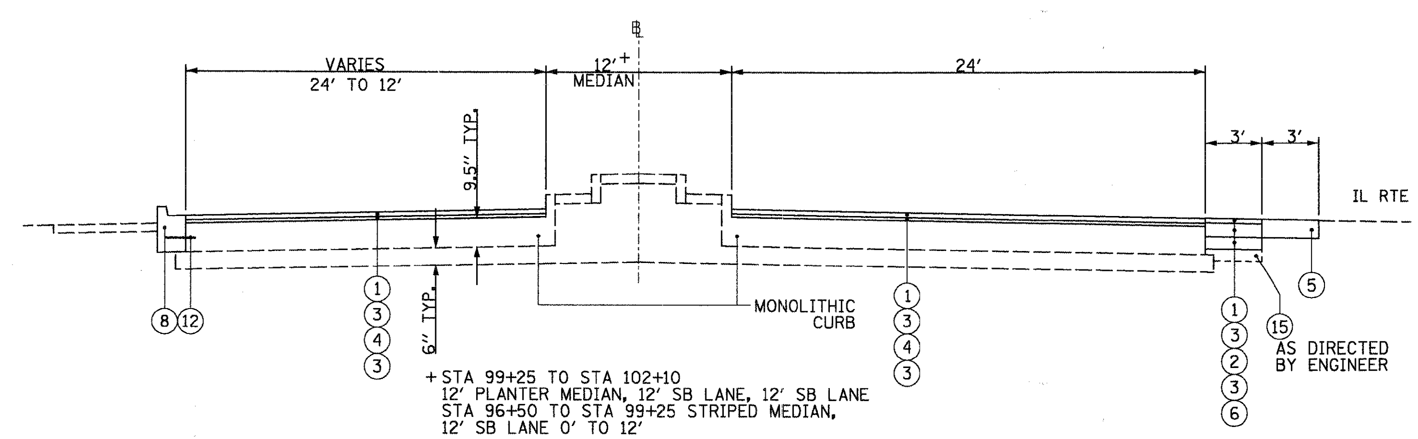
EXISTING TYPICAL SECTION WEST FRONTAGE ROAD IL RTE 53

STA 99+25 TO STA 102+10



PROPOSED TYPICAL SECTION WEST FRONTAGE ROAD IL RTE 53

STA 22+00 TO STA 38+50



PROPOSED TYPICAL SECTION WEST FRONTAGE ROAD IL RTE 53

STA 96+50 TO STA 102+10

NOTE:
BRIDGE SN-016-1123
SOUTH ABUT. STA 46+81.3
NORTH ABUT. STA 47+64.9
BRIDGE SKEW = 39° 15'

LEGEND:

- (A) EXISTING FENCE
- (B) EXISTING AGG/HMA SHOULDER
- (C) EXISTING GRANULAR BASE
- (D) EXISTING CONCRETE PAVEMENT
- (E) EXISTING HMA PARKING SHOULDER
- (F) EXISTING CURB AND GUTTER/CURB
- (G) EXISTING SIDEWALK
- (H) EXISTING GROUND
- (I) EXISTING RAISED PAVEMENT MARKER
- (J) EXISTING HMA OVERLAY
- R, ▨ REMOVAL

1. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; 1.5"
2. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4.5"
3. BITUMINOUS MATERIALS (PRIME COAT)
4. LEVEL BINDER (mm) N50; 1"
5. AGGREGATE SHOULDERS, 6"
6. AGGREGATE BASE COURSE, TYPE B, 4"
7. PIPE UNDERDRAINS 4"
8. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
9. MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS
10. CLASS B PATCHES, 9 INCH (SEE IDOT STDS)
11. JOINT OR CRACK ROUTING (PCC PVMT AND SHLD) (MODIFIED)
12. EPOXY COATED DOWEL/TIE BARS (SEE IDOT STDS) (INCLUDED IN COST OF ASSOCIATED CONCRETE ITEM)
13. SOD/TOPSOIL 4"/FERTILIZERS
14. PCC SIDEWALK
15. POROUS GRANULAR EMBANKMENT, SUBGRADE, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
    ESTIMATED QUANTITY BASED ON ROADWAY SOILS INVESTIGATION; ACTUAL LOCATION AND DEPTH OF UNDERCUTS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. EXCAVATION BELOW EXISTING SHOULDER TO PROPOSED SUBGRADE ELEVATION WILL BE PAID AS EARTH EXCAVATION. EXCAVATION REQUIRED BELOW PROPOSED SUBGRADE ELEVATION TO PLACE POROUS GRANULAR EMBANKMENT, SUBGRADE, WILL BE PAID AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

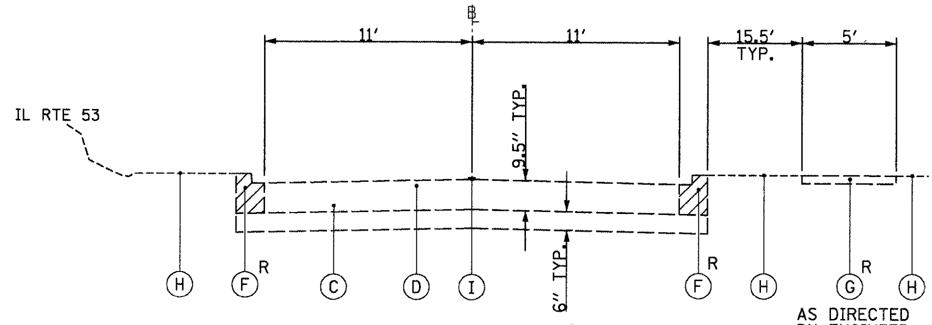
FILE NAME =	USER NAME = BLUKE	DESIGNED - BLL	REVISED -
		DRAWN - MJC	REVISED -
	PLOT SCALE = 1" = 5'	CHECKED - JGS	REVISED -
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

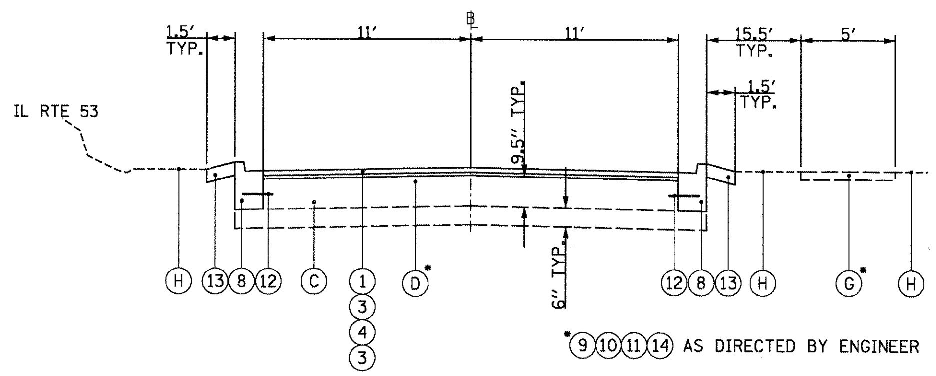
EAST & WEST FRONTAGE ROADS IL RTE 53
TYPICAL SECTIONS - WEST FRONTAGE ROAD

SCALE: NONE | SHEET NO. 1 OF 2 SHEETS | STA. TO STA.

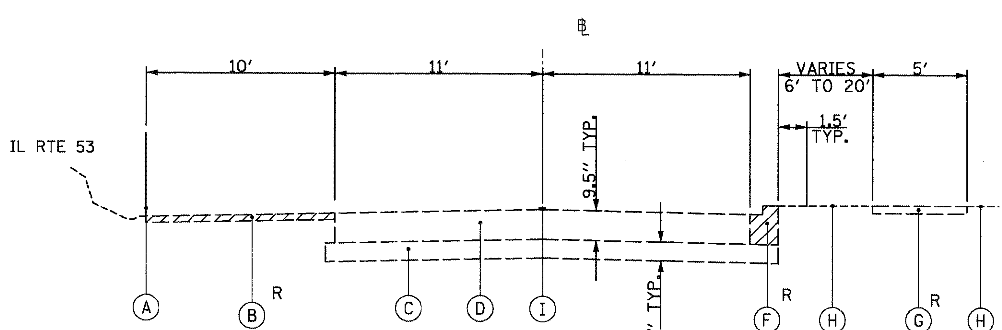
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	4
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



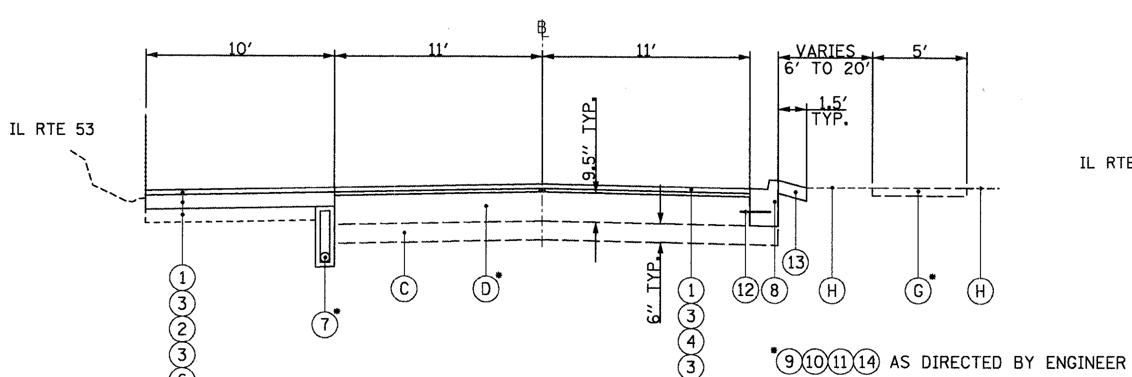
EXISTING TYPICAL SECTION EAST FRONTAGE ROAD IL RTE 53
STA 1+91 TO STA 6+25



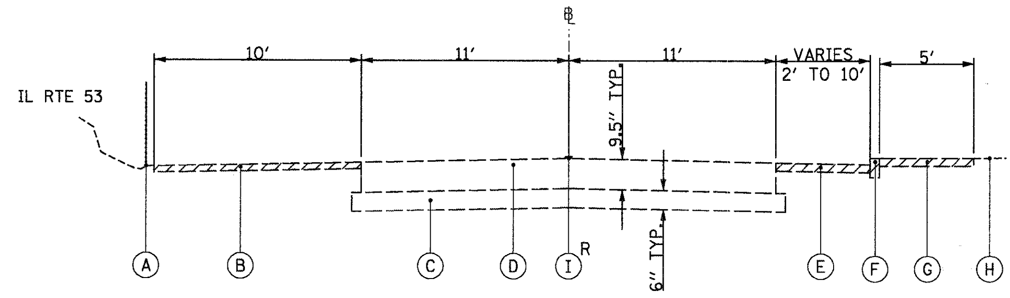
PROPOSED TYPICAL SECTION EAST FRONTAGE ROAD IL RTE 53
STA 1+91 TO STA 6+25



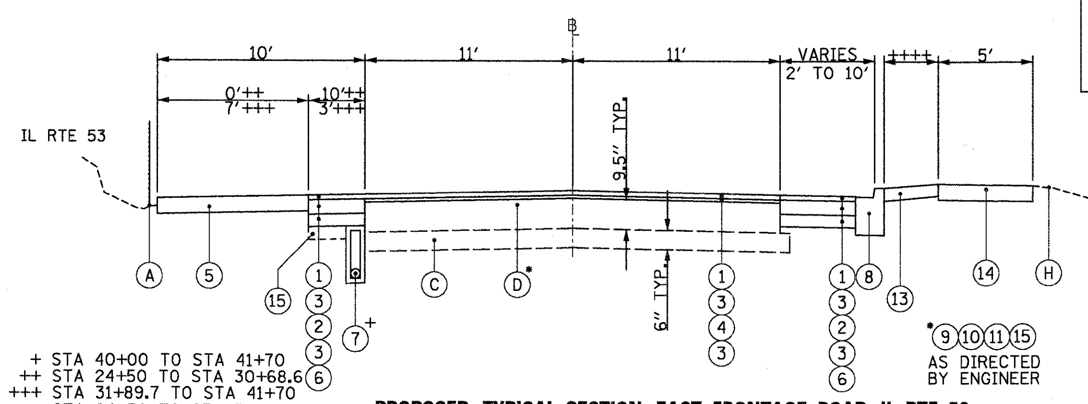
EXISTING TYPICAL SECTION EAST FRONTAGE ROAD IL RTE 53
STA 6+25 TO STA 24+50
STA 57+50 TO STA 73+12



PROPOSED TYPICAL SECTION EAST FRONTAGE ROAD IL RTE 53
STA 6+25 TO STA 24+50
STA 57+50 TO STA 73+12

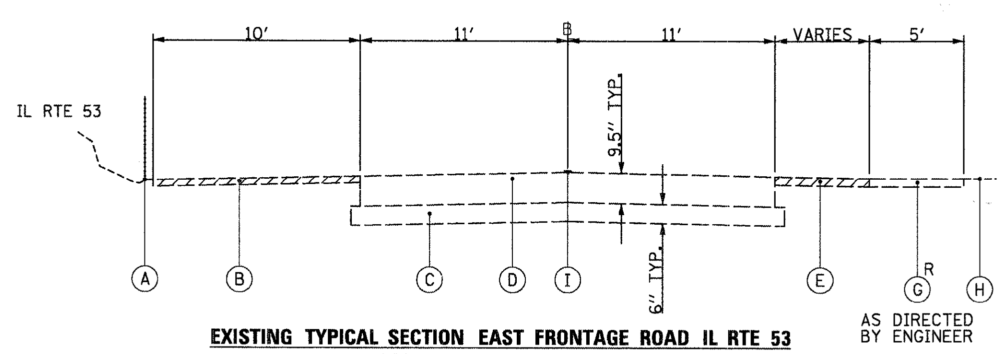


EXISTING TYPICAL SECTION EAST FRONTAGE ROAD IL RTE 53
STA 24+50 TO STA 30+48.6
STA 30+48.6 TO STA 30+68.6 (HMA OVERLAY ONLY)
STA 30+68.6 TO STA 31+89.7 BRIDGE OMISSION (SN 016-1123)
STA 31+89.7 TO STA 32+09.7 (HMA OVERLAY ONLY)
STA 32+09.7 TO STA 41+70

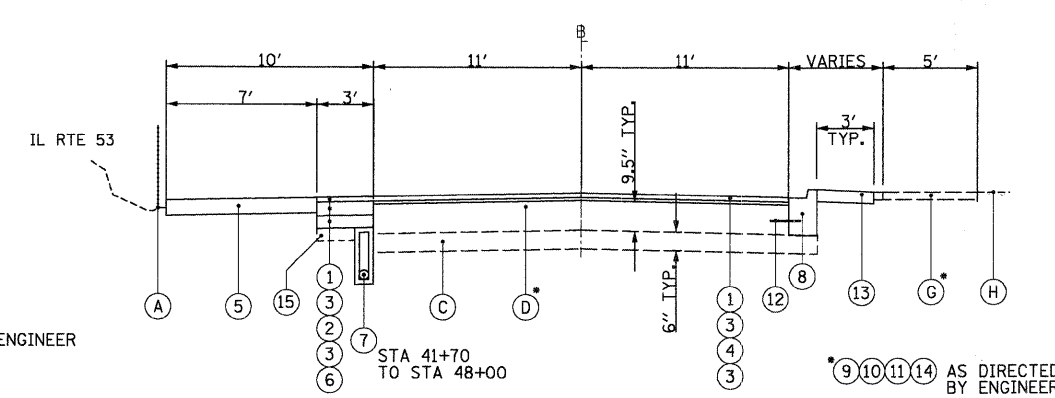


\+ STA 40+00 TO STA 41+70
++ STA 24+50 TO STA 30+68.6
+++ STA 31+89.7 TO STA 41+70
++++ STA 24+50 TO STA 30+48.6: 3'
STA 30+48.6 TO STA 41+70: 0'

PROPOSED TYPICAL SECTION EAST FRONTAGE ROAD IL RTE 53
STA 24+50 TO STA 30+48.6
STA 30+48.6 TO STA 30+68.6 (HMA OVERLAY ONLY)
STA 30+68.6 TO STA 31+89.7 BRIDGE OMISSION (SN 016-1123)
STA 31+89.7 TO STA 32+09.7 (HMA OVERLAY ONLY)
STA 32+09.7 TO STA 41+70



EXISTING TYPICAL SECTION EAST FRONTAGE ROAD IL RTE 53
STA 41+70 TO STA 57+50



PROPOSED TYPICAL SECTION EAST FRONTAGE ROAD IL RTE 53
STA 41+70 TO STA 57+50

HOT-MIX ASPHALT REQUIREMENTS MIXTURE TYPE	AC TYPE	AIR VOIDS
PAVEMENT OVERLAY (EAST AND WEST FRONTAGE ROADS)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm); 1.5"	PG 64-22	4.0% @ 50 GYR.
LEVELING BINDER (MACHINE METHOD), N50; (IL 9.5mm); 1"	PG 64-22+	4.0% @ 50 GYR.
PAVEMENT RESURFACING (SIDE STREETS)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm); 1.5"	PG 64-22	4.0% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50; 2.5"	PG 64-22+	4.0% @ 50 GYR.
SHOULDERS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL 9.5mm); 1.5"	PG 64-22	4.0% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50; 4.5"	PG 64-22+	4.0% @ 50 GYR.
COMMERCIAL DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm) 2"	PG 64-22	4.0% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6"	PG 64-22+	4.0% @ 50 GYR.
RESIDENTIAL DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm) 2"	PG 64-22	4.0% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"	PG 64-22+	4.0% @ 50 GYR.

NOTE:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MATERIAL IS 112 LB/SQ YD PER INCH THICKNESS.
2. + WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

NOTE:
BRIDGE SN-016-1122
SOUTH ABUT. STA 31+08.6
NORTH ABUT. STA 31+69.7

LEGEND:

- (A) EXISTING FENCE
- (B) EXISTING AGG/HMA SHOULDER
- (C) EXISTING GRANULAR BASE
- (D) EXISTING CONCRETE PAVEMENT
- (E) EXISTING HMA PARKING SHOULDER
- (F) EXISTING CURB AND GUTTER/CURB
- (G) EXISTING SIDEWALK
- (H) EXISTING GROUND
- (I) EXISTING RAISED PAVEMENT MARKER
- (J) EXISTING HMA OVERLAY
- R, [hatched] REMOVAL
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; 1.5"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4.5"
- (3) BITUMINOUS MATERIALS (PRIME COAT)
- (4) LEVEL BINDER (mm) N50; 1"
- (5) AGGREGATE SHOULDERS, 6"
- (6) AGGREGATE BASE COURSE, TYPE B, 4"
- (7) PIPE UNDERDRAINS 4"
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
- (9) MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS
- (10) CLASS B PATCHES, 9 INCH (SEE IDOT STDS)
- (11) JOINT OR CRACK ROUTING (PCC PVMT AND SHLD) (MODIFIED)
- (12) EPOXY COATED DOWEL/TIE BARS (SEE IDOT STDS) (INCLUDED IN COST OF ASSOCIATED CONCRETE ITEM)
- (13) SOD/TOPSOIL 4"/FERTILIZERS
- (14) PCC SIDEWALK
- (15) POROUS GRANULAR EMBANKMENT, SUBGRADE, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
  ESTIMATED QUANTITY BASED ON ROADWAY SOILS INVESTIGATION: ACTUAL LOCATION AND DEPTH OF UNDERCUTS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. EXCAVATION BELOW EXISTING SHOULDER TO PROPOSED SUBGRADE ELEVATION WILL BE PAID AS EARTH EXCAVATION. EXCAVATION REQUIRED BELOW PROPOSED SUBGRADE ELEVATION TO PLACE POROUS GRANULAR EMBANKMENT, SUBGRADE, WILL BE PAID AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

FILE NAME =	USER NAME = BLUKE	DESIGNED - BLL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST & WEST FRONTAGE ROADS IL RTE 53 TYPICAL SECTIONS – EAST FRONTAGE ROAD	F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = 5'	DRAWN - MJC	REVISED -			2592/2594	09-00091-01-RS	COOK	14	5
	PLOT DATE = 6/30/2009	CHECKED - JGS	REVISED -		SCALE: NONE / SHEET NO. 2 OF 2 SHEETS / STA. TO STA.	CONTRACT NO. 63243				
		DATE - 06/30/09	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

EAST FRONTAGE RD		HMA ROADWAY & HMA SHOULDER						CONC CC&G	SUBGRADE		SHOULDERS & PARKWAYS				SIDEWALK	
		HMA SC, Mix "C", N50		Leveling Binder, (MM), N50		HMA BC, IL-19.0, N50		CONC CC&G	Agg. Base Course, Type B		Agg. Shoulder, 6"		Topsoil & Sodding		PCC Sidewalk, 5"	
Station	to Station	Width (FT)	TONS	Width (FT)	TONS	Width (FT)	TONS	B-6.24 (LF)	Width (FT)	Vol. (CY)	Width (FT)	Area (SY)	Width (FT)	Area (SY)	Width (FT)	Area (SF)
01+91	06+25	22	128	22	86	0	0	625.0	0	0	0	0	3	208	5	625
06+25	16+50	32	306	22	140	10	223	1025.0	10	127	0	0	1.5	171	5	1025
16+50	21+00	32	134	22	62	10	98	450.0	10	56	0	0	1.5	75	5	450
21+00	24+50	32	105	22	48	10	76	350.0	10	43	0	0	1.5	58	5	350
24+50	27+50	40	112	22	41	18	118	300.0	18	67	0	0	1.5	50	6	1800
27+50	30+70	35	105	22	44	13	91	320.0	13	51	0	0	1.5	53	6	1920
31+90	34+00	24	47	22	29	2	9	210.0	2	5	10	233	1.5	35	6	1260
34+00	41+70	35	252	22	105	13	218	770.0	13	124	7	599	1.5	128	5	770
41+70	50+85	35	299	22	125	13	259	915.0	13	147	7	712	1.5	153	5	915
50+85	57+50	28	174	22	91	6	87	665.0	6	49	7	517	3	222	5	665
57+50	69+50	32	358	22	164	10	261	1200.0	10	148	0	0	1.5	200	5	1200
69+50	73+12	37	125	27	61	10	79	362.0	10	45	0	0	1.5	60	6	2172
SUB-TOTAL			**2145**		**996**		**1519**	**7192**		**862**		**2061**		**1413**		**13152**

WEST FRONTAGE RD		HMA ROADWAY & HMA SHOULDER						CONC CC&G	SUBGRADE		SHOULDERS & PARKWAYS				SIDEWALK	
		HMA SC, Mix "C", N50		Leveling Binder, (MM), N50		HMA BC, IL-19.0, N50		CONC CC&G	Agg. Base Course, Type B		Agg. Shoulder, 6"		Topsoil & Sodding		PCC Sidewalk, 5"	
Station	to Station	Width (FT)	TONS	Width (FT)	TONS	Width (FT)	TONS	B-6.24 (LF)	Width (FT)	Vol. (CY)	Width (FT)	Area (SY)	Width (FT)	Area (SY)	Width (FT)	Area (SF)
20+83	21+50	60	56	50	31	10	22	50.0	10	12	0	0	1.5	17	5	100
21+50	22+00	32	15	22	7	10	11	50.0	10	6	0	0	1.5	8	5	50
22+00	38+50	28	431	22	226	6	216	0.0	6	122	7	1283	1.5	275	0	0
38+50	46+70	28	214	22	112	6	107	0.0	6	61	7	638	3	273	5	820
48+00	71+00	28	601	22	315	6	301	0.0	6	170	7	1789	3	767	5	2300
71+00	88+00	28	444	22	233	6	222	0.0	6	126	4	756	3	567	5	1700
88+00	92+00	25	93	22	55	3	26	400.0	3	15	3	133	3	133	5	400
92+00	96+50	38	160	35	98	3	29	450.0	3	17	3	150	3	150	5	450
96+50	99+25	57	146	54	92	3	18	275.0	3	10	0	0	3.5	107	5	275
99+25	101+50	51	107	48	67	3	15	125.0	3	8	0	0	3.5	88	5	225
101+50	102+10	48	45	48	30	0	0.00	100.0			0	0	3.5	39	5	100
SUB-TOTAL			**2312**		**1266**		**967**	**1450**		**547**		**4749**		**2424**		**6420**

WEST FRONTAGE ROAD			RESIDENTIAL DRIVEWAYS				SIDE ROAD ENTRANCES				COMMERCIAL DRIVEWAYS			
	Area	Type	Agg. Base Course, Type B	HMA BC, IL-19.0, N50	HMA SC, Mix "C", N50	PCC Driveway, 6"	HMA Surface Rem., 1.5"	Lvl Binder, (MM), N50	HMA BC, IL-19.0, N50	HMA SC, Mix "C", N50	Agg. Base Cse, Type B	HMA BC, IL-19.0, N50	HMA SC, Mix "C", N50	PCC Driveway, 8"
Approx. Station	SY	PCC/HMA	CY	TON	TON	SY	SY	TON	TON	TON	CY	TON	TON	SY
21+77	98.6	PCC									5.5	0.0	0.0	98.6
22+68	92.8	PCC									5.2	0.0	0.0	92.8
28+71	61.5	PCC									3.4	0.0	0.0	61.5
31+45	42.8	PCC									2.4	0.0	0.0	42.8
34+86	42.1	PCC									2.3	0.0	0.0	42.1
40+71	255.7	PCC					0.0	14.3	0.0	21.0				
51+40	43.3	PCC									2.4	0.0	0.0	43.3
	51.3	HMA									2.8	11.5	5.7	0.0
54+88	62.6	HMA									3.5	14.0	7.0	0.0
58+20	91.1	HMA									5.1	20.4	10.2	0.0
60+58	133.0	HMA					133.0	0.0	18.6	11.0				
67+00	18.3	HMA	1.0	4.1	2.1	0.0								
71+80	404.4	HMA					404.4	0.0	56.6	34.0				
75+50	101.3	HMA					101.3	0.0	14.2	9.0				
78+00	60.4	HMA					60.4	0.0	8.5	5.0				
79+66	9.8	PCC	0.5	0.0	0.0	9.8								
81+10	34.2	HMA	1.9	7.7	3.8	0.0								
84+75	168.3	HMA					168.3	0.0	23.6	14.0				
87+87	40.6	HMA	2.3	9.1	4.5	0.0								
89+50	56.7	HMA					56.7	0.0	7.9	5.0				
91+05	44.4	HMA	2.5	10.0	5.0	0.0								
93+30	120.8	HMA					120.8	0.0	16.9	10.0				
95+90	122.0	HMA	6.8	27.3	13.7	0.0								
98+32	53.1	HMA	2.9	11.9	5.9	0.0								
101+35	69.3	HMA	3.9	15.5	7.8	0.0								
		SUB-TOTAL	**91.0**	**171.9**	**86.1**	**878.2**	**3348.4**	**25.9**	**468.8**	**314.0**	**42.0**	**45.9**	**22.9**	**551.1**

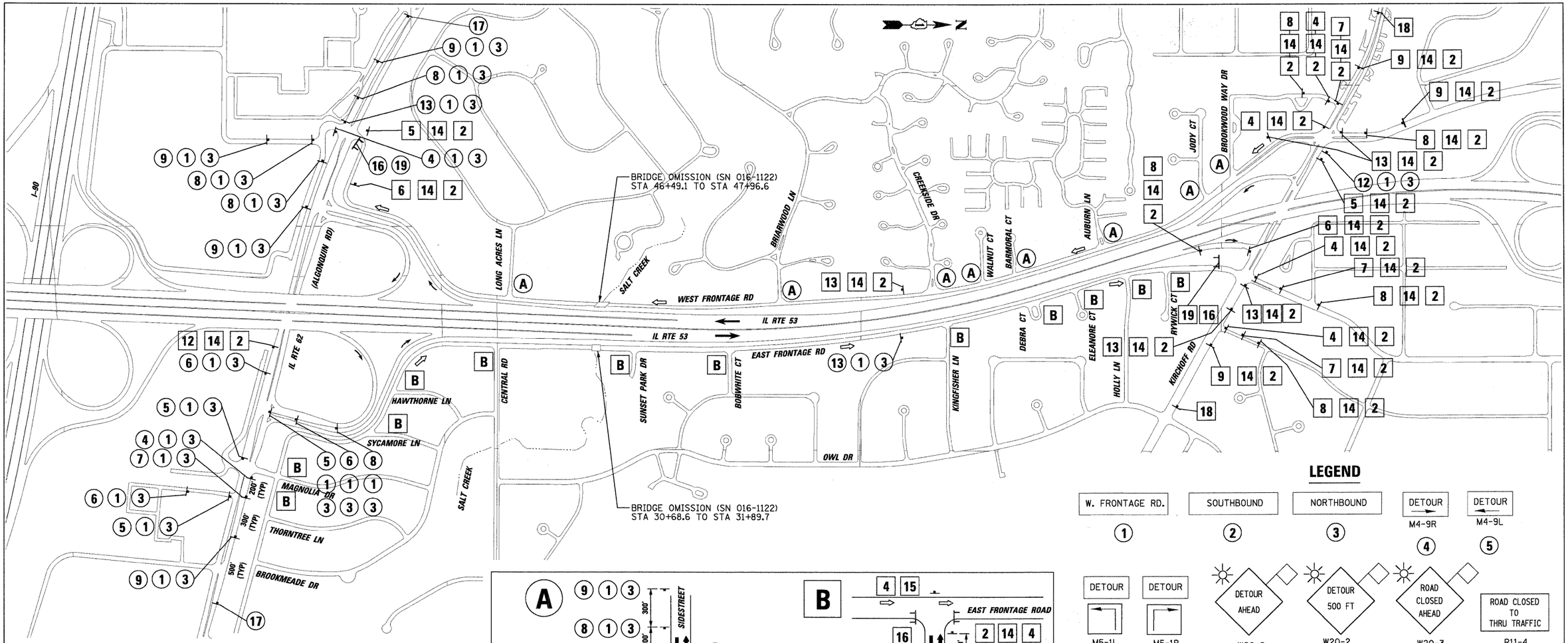
EAST FRONTAGE ROAD			RESIDENTIAL DRIVEWAYS				SIDE ROAD ENTRANCES			
	Area	Type	Agg. Base Course, Type B	HMA BC, IL-19.0, N50	HMA SC, Mix "C", N50	PCC Driveway, 6"	HMA Surface Rem., 1.5"	Lvl Binder, (MM), N50	HMA BC, IL-19.0, N50	HMA SC, Mix "C", N50
Approx. Station	SY	PCC/HMA	CY	TON	TON	SY	SY	TON	TON	TON
03+23	29.5	PCC	1.6	0.0	0.0	29.5				
04+26	34.6	PCC	1.9	0.0	0.0	34.6				
04+68	37.9	PCC	2.1	0.0	0.0	37.9				
07+26	13.6	PCC	0.8	0.0	0.0	13.6				
07+96	13.5	PCC	0.8	0.0	0.0	13.5				
08+70	16.9	PCC	0.9	0.0	0.0	16.9				
09+14	13.2	PCC	0.7	0.0	0.0	13.2				
10+26	14.3	PCC	0.8	0.0	0.0	14.3				
11+34	27.7	PCC	1.5	0.0	0.0	27.7				
11+48	138.3	PCC					0.0	7.7	0.0	12.0
14+94	68.8	HMA					68.8	3.9	9.6	6.0
17+16	22	HMA	1.2	4.9	2.5	0.0				
18+61	26	HMA	1.4	5.8	2.9	0.0				
20+06	33.6	HMA	1.9	7.5	3.8	0.0				
20+55	27.8	HMA	1.5	6.2	3.1	0.0				
21+67	30.8	HMA	1.7	6.9	3.4	0.0				
22+00	31.2	HMA	1.7	7.0	3.5	0.0				
24+20	195.6	HMA					195.6	0.0	27.4	16.0
34+15	210.2	HMA					210.2	0.0	29.4	18.0
36+14	18.7	PCC	1.0	0.0	0.0	18.7				
37+05	24	PCC	1.3	0.0	0.0	24.0				
38+05	15.8	PCC	0.9	0.0	0.0	15.8				
39+13	54.6	HMA	3.0	12.2	6.1	0.0				
39+89	21.8	PCC	1.2	0.0	0.0	21.8				
40+37	17.1	PCC	1.0	0.0	0.0	17.1				
41+06	154.9	HMA					154.9	0.0	21.7	13.0
42+73	23.5	PCC	1.3	0.0	0.0	23.5				
43+41	42.8	PCC	2.4	0.0	0.0	42.8				
44+24	40.7	PCC	2.3	0.0	0.0	40.7				
45+29	44.7	HMA	2.5	10.0	5.0	0.0				
45+89	36.4	PCC	2.0	0.0	0.0	36.4				
46+33	39.4	PCC	2.2	0.0	0.0	39.4				
47+60	33.1	PCC	1.8	0.0	0.0	33.1				
48+34	32.9	PCC	1.8	0.0	0.0	32.9				
48+80	29.8	PCC	1.7	0.0	0.0	29.8				
49+50	28.2	HMA	1.6	6.3	3.2	0.0				
50+25	29.6	HMA	1.6	6.6	3.3	0.0				
56+98	180.8	HMA					180.8	0.0	25.3	15.0
58+35	12.9	PCC	0.7	0.0	0.0	12.9				
59+40	10.9	PCC	0.6	0.0	0.0	10.9				
59+81	14.9	PCC	0.8	0.0	0.0	14.9				
60+46	12.8	PCC	0.7	0.0	0.0	12.8				
61+29	6.8	PCC	0.4	0.0	0.0	6.8				
61+93	11.6	PCC	0.6	0.0	0.0	11.6				
62+47	11.1	PCC	0.6	0.0	0.0	11.1				
63+50	216.7	HMA					216.7	0.0	30.3	18.0
66+64	222.1	HMA					222.1	0.0	31.1	19.0
69+10	16.7	PCC	0.9	0.0	0.0	16.7				
70+52	121.1	HMA					121.1	0.0	17.0	10.0
		SUB-TOTAL	**55.4**	**73.4**	**36.8**	**674.9**	**1370.2**	**11.6**	**191.8**	**127.0**

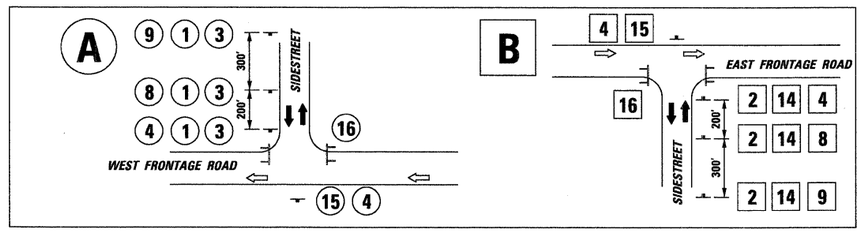
FILE NAME = N:\ROLLINGMEADOWS\980361BR105\Civil\QUAL980361BR105-02.SHT	USER NAME = BLUKE	DESIGNED - BLL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - MJC	REVISED -	
	PLOT SCALE = 1" = 20'	CHECKED - JGS	REVISED -	
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -	

EAST & WEST FRONTAGE ROADS IL RTE 53
SCHEDULES OF QUANTITIES

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

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	6
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			





1. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007", "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES ADOPTED 2004", THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION.

2. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.

3. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK. THE CITY OF ROLLING MEADOWS REPRESENTATIVE FOR THIS DETOUR IS: MR. FRED VOGT; DIRECTOR OF PUBLIC WORKS.

4. IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT, THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.

5. LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.

6. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.

8. THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT IS DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (DETOUR 1)" AND "TRAFFIC CONTROL AND PROTECTION, (DETOUR 2)".

9. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.

10. ALL DETOUR SIGNING SHALL BE POST MOUNTED IF THE ROAD CLOSURE IS TO EXCEED FOUR (4) CALENDAR DAYS.

11. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1084.02 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION OF THE SIGNS. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.

12. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

13. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1084.01 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.

14. WHEN REQUIRED THE MINIMUM DIMENSIONS OF THE ORANGE WARNING FLAGS SHOWN IN THESE PLANS ARE 18" X 18".
17. ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADES. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED 8 FEET IN WIDTH EACH, FOR A SINGLE APPROACH LANE.

15. THE "ROAD CLOSED" (R11-2), THE "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO (2) AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.

16. THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9" X VARIABLE OR A 12" X VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 5" LOWER CASE.

17. DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.

18. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED WITHIN 25 FT BEHIND THE TYPE III BARRICADES. IN ANY EVENT ARTICLE 701.04 OF THE STANDARD SPECIFICATIONS SHALL APPLY.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.

20. THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) HOURS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.

LEGEND

W. FRONTAGE RD.	SOUTHBOUND	NORTHBOUND	DETOUR M4-9R	DETOUR M4-9L
(1)	(2)	(3)	(4)	(5)

DETOUR M5-1L	DETOUR M5-1R	DETOUR AHEAD W20-2	DETOUR 500 FT W20-2	ROAD CLOSED AHEAD W20-3	ROAD CLOSED TO THRU TRAFFIC R11-4
(6)	(7)	(8)	(9)	(10)	(11)

END DETOUR M4-8a	DETOUR M6-3	E. FRONTAGE RD.	ONE WAY R6-1R	ROAD CLOSED R11-2
(12)	(13)	(14)	(15)	(16)

(4) WEST FRONTAGE RD DETOUR OF NORTHBOUND TRAFFIC SIGN LEGEND NUMBER (DETOUR 1)

[12] EAST FRONTAGE RD DETOUR OF SOTHBOUND TRAFFIC SIGN LEGEND NUMBER (DETOUR 2)

NORTHBOUND W FRONTAGE RD CLOSED (17)

SOUTHBOUND E FRONTAGE RD CLOSED (18)

ONE WAY STREET TRAVEL DIRECTION

TYPE III BARRICADE

DIRECTION OF DETOURED TRAFFIC

SIDESTREET TRAVEL DIRECTION

PAVEMNT REHABILITATION LIMITS

FILE NAME = N:\ROL\LINDMEADOWS\98836R05\Civil\MOT_98836R05-DETOURS.MT	USER NAME = BLUKE	DESIGNED - BLL	REVISED -
		DRAWN - MJC	REVISED -
	PLOT SCALE = NONE	CHECKED - JGS	REVISED -
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST & WEST FRONTAGE ROADS IL RTE 53
DETOUR NOTES AND PLAN

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

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	7
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- HMA OVERLAY AND PCC PATCH
- HMA OVERLAY
- PR CC&G
- PR 3' HMA SHOULDER / 3' AGG SHOULDER
- PR 3' HMA SHOULDER / 7' AGG SHOULDER
- PR HMA SHOULDER BETWEEN PVMT AND NEW CC&G
- PR 10' HMA SHOULDER
- PR PIPE UNDERDRAIN
- PR PCC SIDEWALK 5"

N

IL RTE 62 (ALGONQUIN RD)

20+00 25+00 30+00 35+00 40+00 45+00 50+00 55+00 60+00 65+00

WEST FRONTAGE RD

IL RTE 53

LONG ACRES LN

SALT CREEK

SN 016-1122 BRIDGE OMISSION
STA. 46+49.1 TO STA. 47+93.6

BRIARWOOD LN

IL RTE 53

20+00 25+00 30+00 35+00 40+00 45+00 50+00

EAST FRONTAGE RD

CENTRAL RD

SUNSET PARK DR

BOBWHITE CT

SN 016-1123 BRIDGE OMISSION
STA. 30+68.6 TO STA. 31+89.7

HAWTHORNE LN

SYCAMORE LN

0+00 5+00 10+00 15+00

MAGNOLIA DR

SALT CREEK

OWL DR

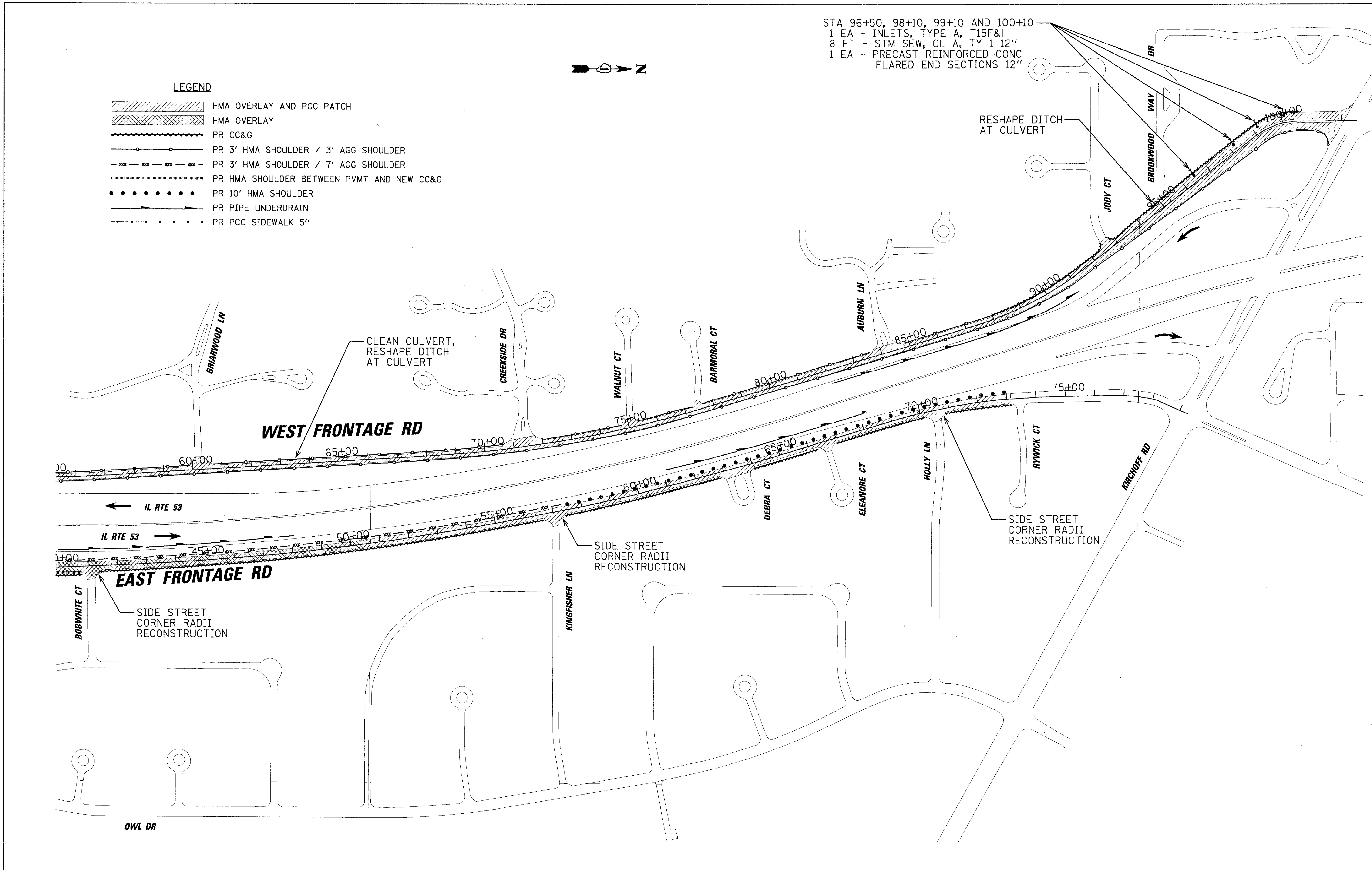
FILE NAME = N:\RELL\ENGMEADOWS\180361BRUS\Civil\OVERALL_180361BRUS_ELSHT	USER NAME = BLUKE	DESIGNED - BLL	REVISED -
		DRAWN - MJC	REVISED -
	PLOT SCALE = 1" = 150'	CHECKED - JGS	REVISED -
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST & WEST FRONTAGE ROADS IL RTE 53
OVERALL PLAN VIEW - SOUTH END

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

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	8
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = N:\ROLLINGMEADOWS\980361BR105\Civil\OVERALL_980361BR105-02.SHT	USER NAME = BLUKE	DESIGNED - BLL	REVISED -
		DRAWN - MJC	REVISED -
	PLOT SCALE = 1" = 150'	CHECKED - JGS	REVISED -
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

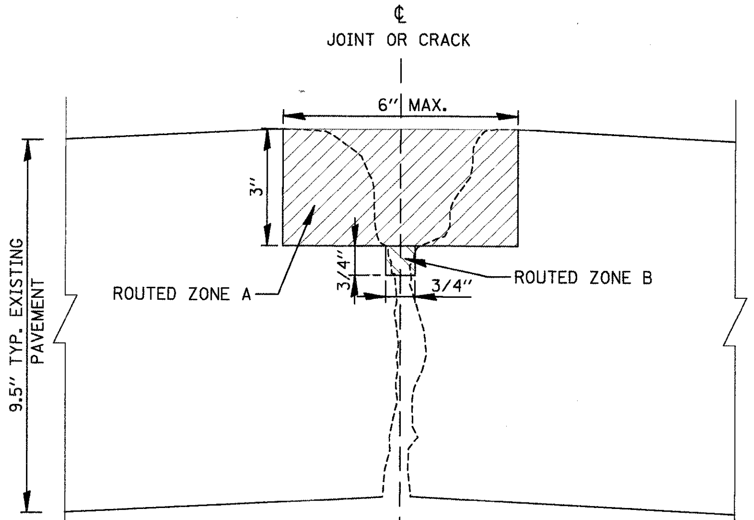
EAST & WEST FRONTAGE ROADS IL RTE 53
OVERALL PLAN VIEW - NORTH END

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

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	9

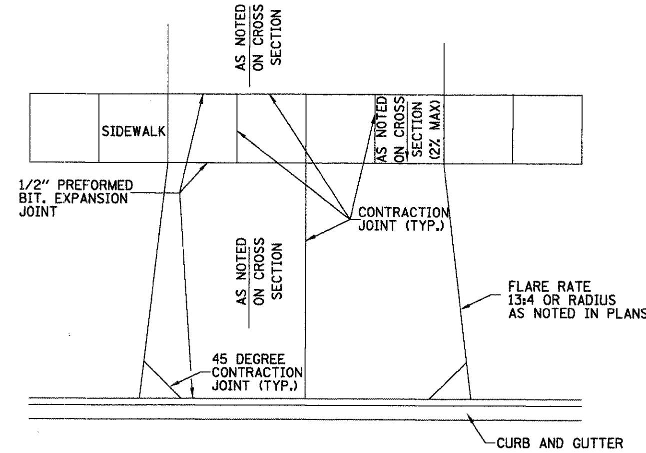
CONTRACT NO. 63243

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



JOINT OR CRACK ROUTING (PCC PAVEMENT AND SHOULDER) (MODIFIED) DETAIL

N.T.S.

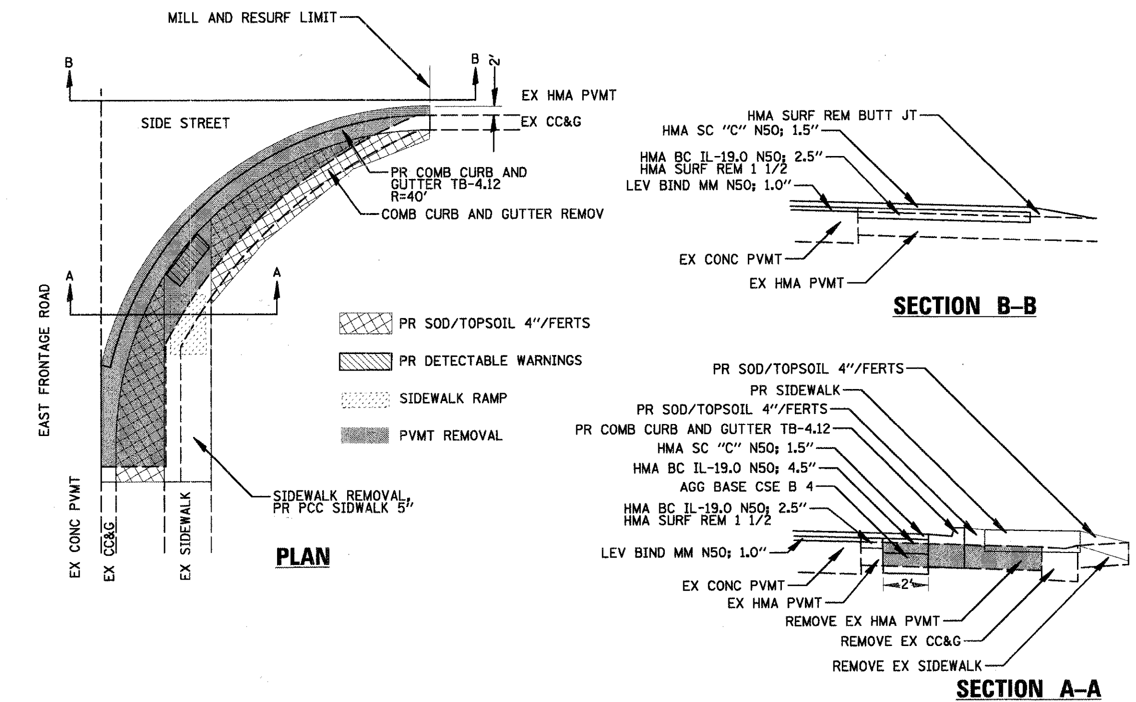


NOTE:

1. COMMERCIAL DRIVEWAYS -
   A. HMA CE SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; 2" ON HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6" ON AGGREGATE BASE COURSE, TYPE B; 2".
   B. CONC CE SHALL BE PCC DRIVEWAY PAVEMENT 8" ON AGGREGATE BASE COURSE, TYPE B; 2".
   C. CROSS SLOPE OF PCC SIDEWALK SHALL NOT BE STEEPER THAN 2%.
2. RESIDENTIAL DRIVEWAYS -
   A. HMA PE SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; 2" ON HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4" ON AGGREGATE BASE COURSE, TYPE B; 2".
   B. CONC PE SHALL BE PCC DRIVEWAY PAVEMENT 6" ON AGGREGATE BASE COURSE, TYPE B; 2".
   C. CROSS SLOPE OF PCC SIDEWALK SHALL NOT BE STEEPER THAN 2%.
3. OMIT EXPANSION AND CONTRACTION JOINTS IN HMA CE.

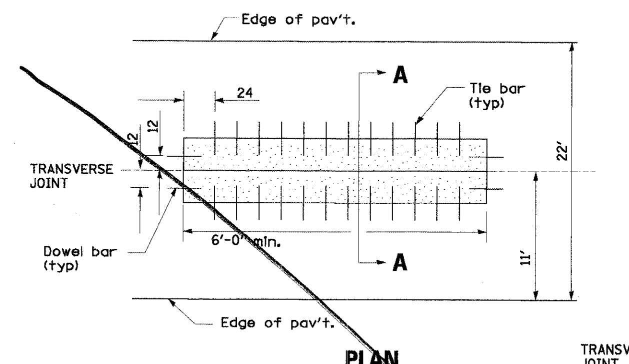
ENTRANCE DETAIL

N.T.S.



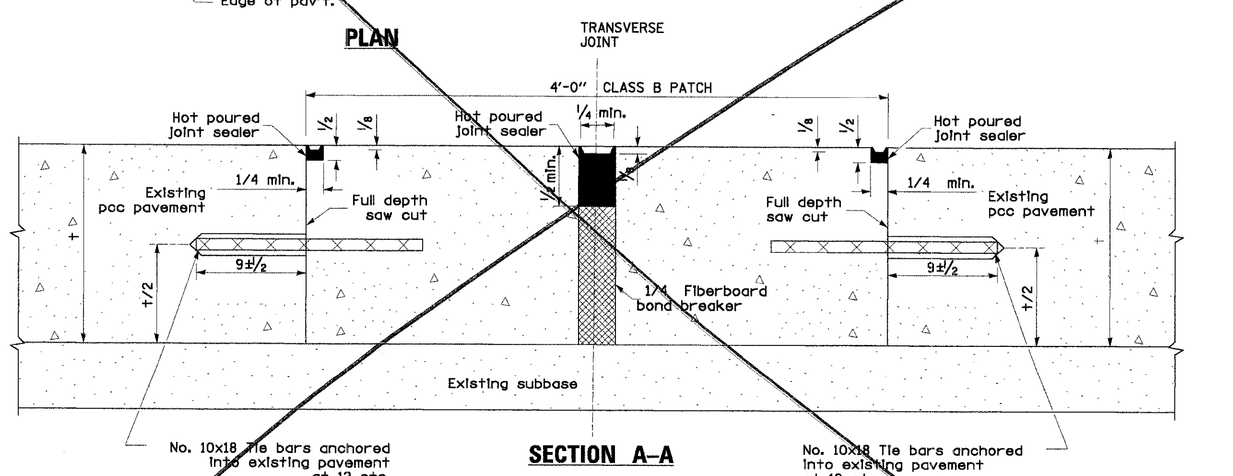
SIDE STREET DETAIL WITH RADII IMPROVEMENT

N.T.S.



NOTE:

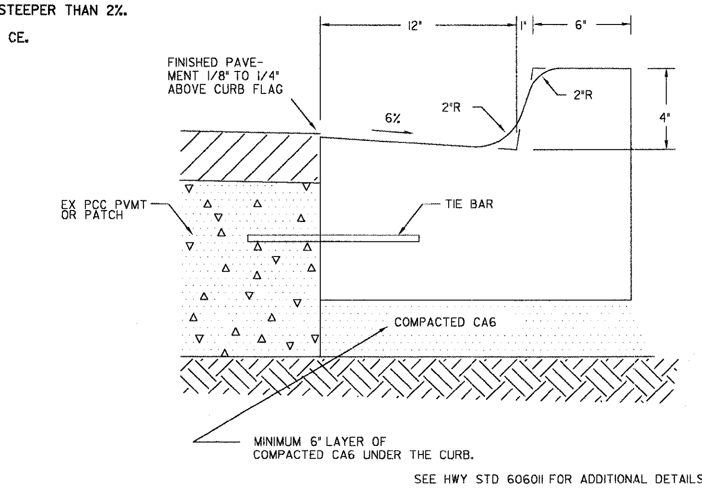
1. SEE HIGHWAY STANDARD 442101 FOR ADDITIONAL DETAILS.
2. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
3. ALL TIE BARS AND DOWELS JOINT SEALER, FIBERBOARD INCLUDED IN COST OF PATCH.



~~CLASS C PATCH - ALONG CENTER LINE~~

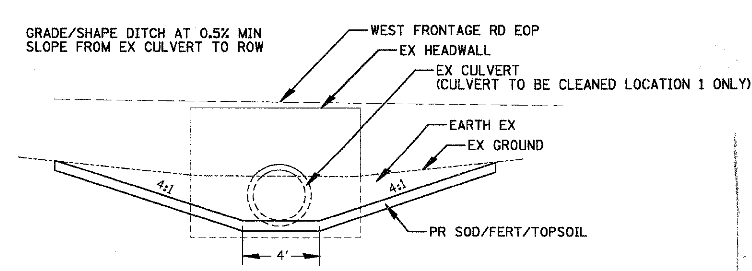
N.T.S.

NOT USED



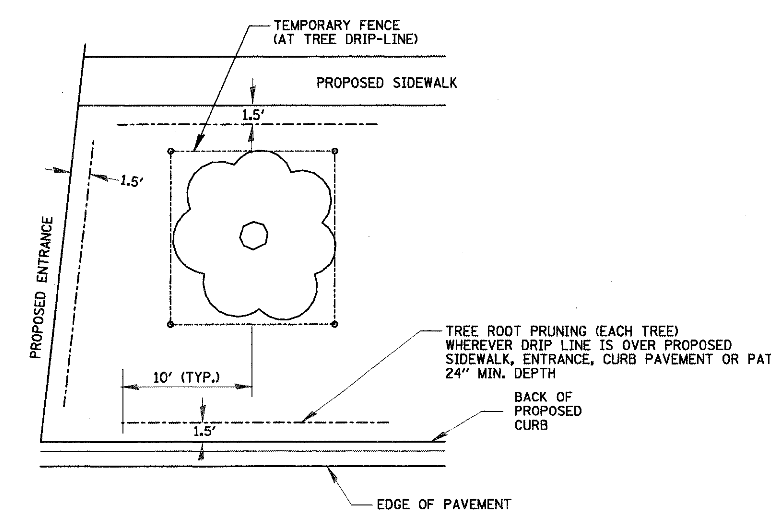
B-4.12 CURB & GUTTER

N.T.S.



DITCH SHAPING AT CULVERT

N.T.S. WEST FRONTAGE ROAD LOOKING EAST AT CULVERT OUTFALL
LOCATION 1: APPROX STA 63+50
LOCATION 2: APPROX STA 94+80



TREE & ROOT PROTECTION

N.T.S.

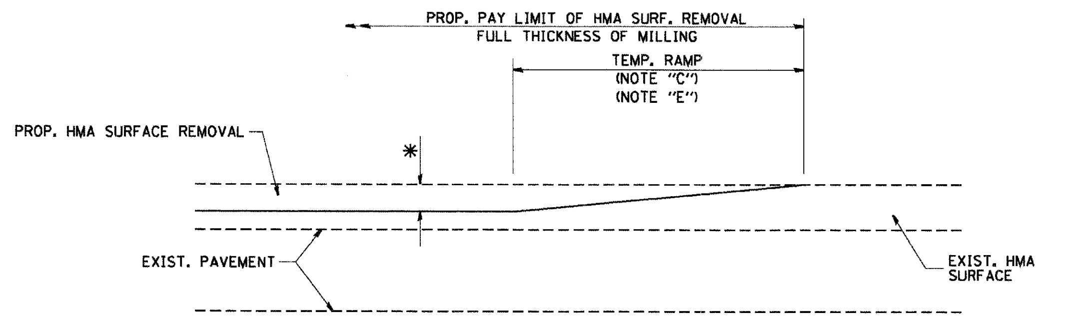
FILE NAME =	USER NAME = BLUKE	DESIGNED - BLL	REVISED -
		DRAWN - MJC	REVISED -
	PLOT SCALE = 1" = 20'	CHECKED - JGS	REVISED -
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST & WEST FRONTAGE ROADS IL RTE 53
CONSTRUCTION DETAILS

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

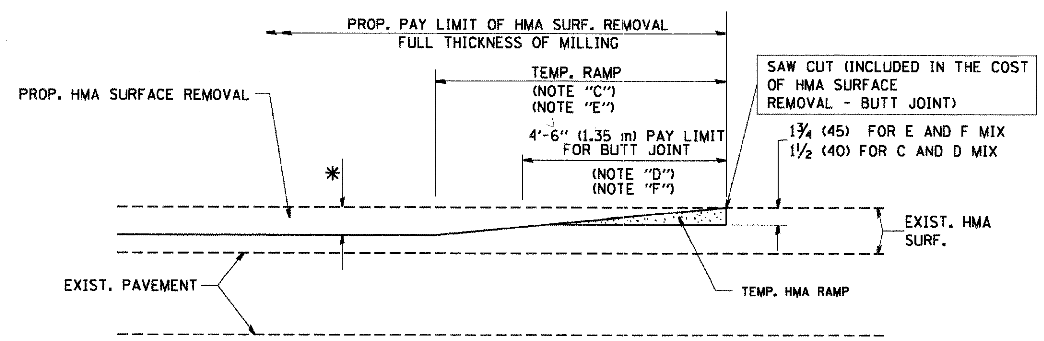
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	10
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

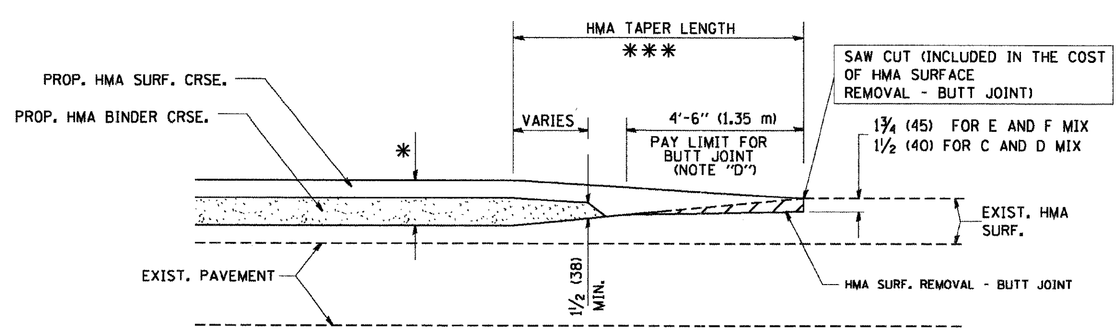


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

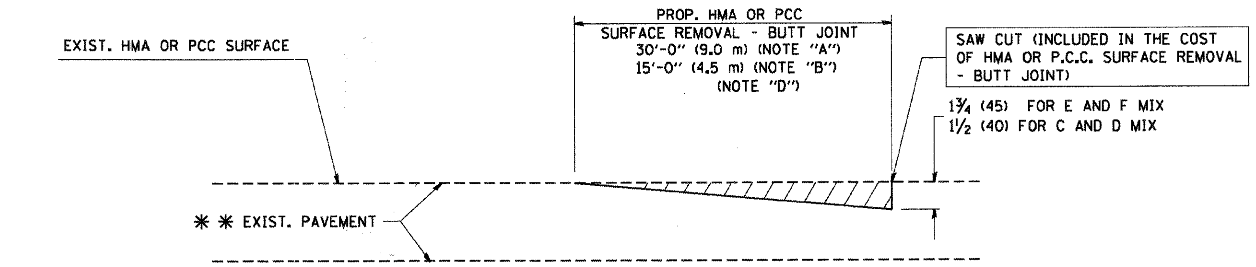
TYPICAL TEMPORARY RAMP



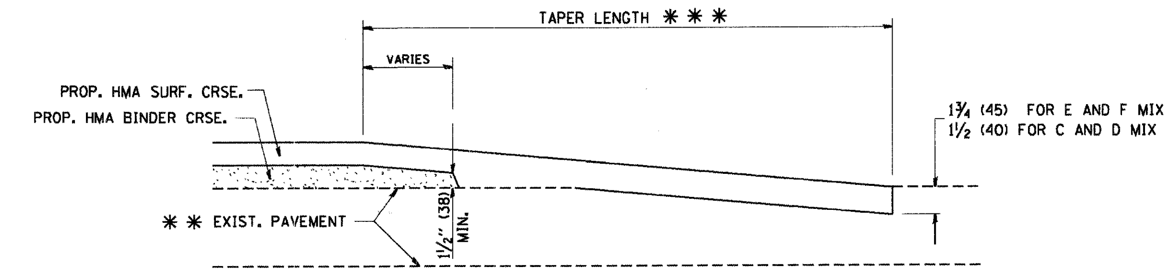
BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. HORIZ. NONE

DRAWN BY

CHECKED BY

BD400-05 (VI=BD32)

FILE NAME =	USER NAME = BLUKE	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1" = 20'	CHECKED -	REVISED -
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

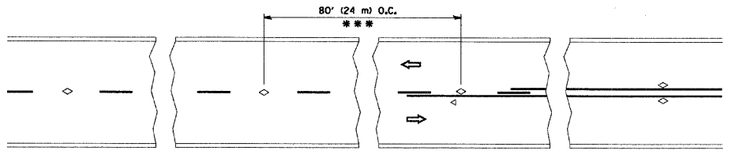
EAST & WEST FRONTAGE ROADS IL RTE 53
BUTT JOINT AND HMA TAPER DETAILS (BD32)

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

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	11
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

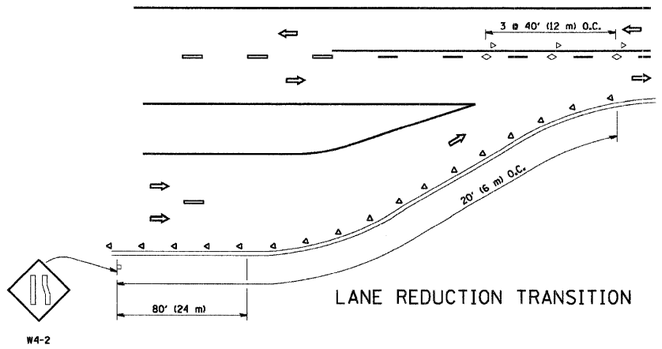
CONTRACT NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

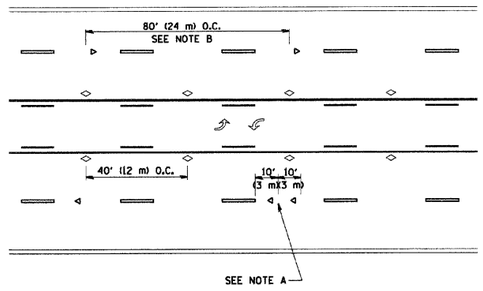


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

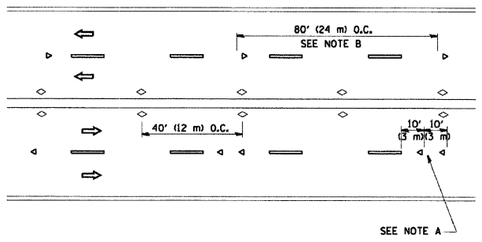
TWO-LANE/TWO-WAY



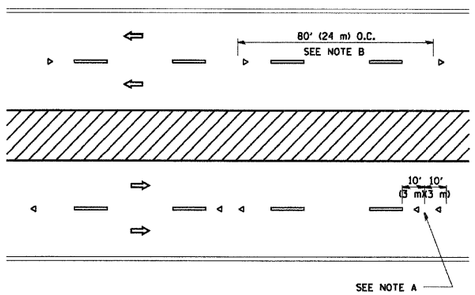
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

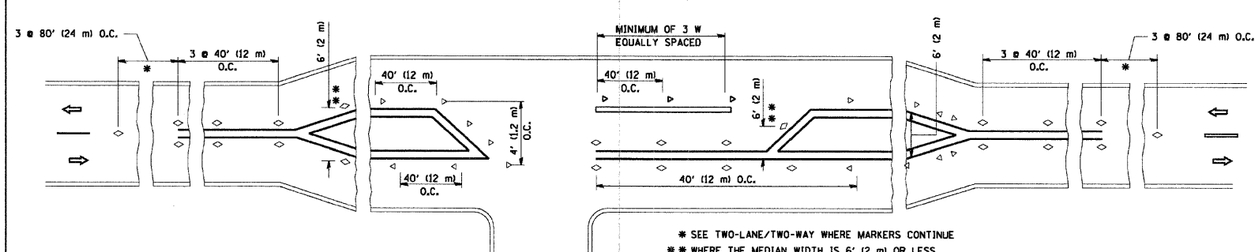
SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

LANE MARKER NOTES

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

All dimensions are in inches (millimeters) unless otherwise shown.

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE

DRAWN BY CADD

CHECKED BY TC-11

PLOT DATE = 3/6/2007
FILE NAME = c:\projects\tc11dgn
PLOT SCALE = 50.0000 '/ IN.
USER NAME = bauerdl

FILE NAME = N:\ROLLING\MEADOWS\98D3618R185\Cvr1\STD_98D3618R185-02.SHT	USER NAME = BLUKE	DESIGNED -	REVISED -	
		DRAWN -	REVISED -	
	PLOT SCALE = 1" = 20'	CHECKED -	REVISED -	
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -	

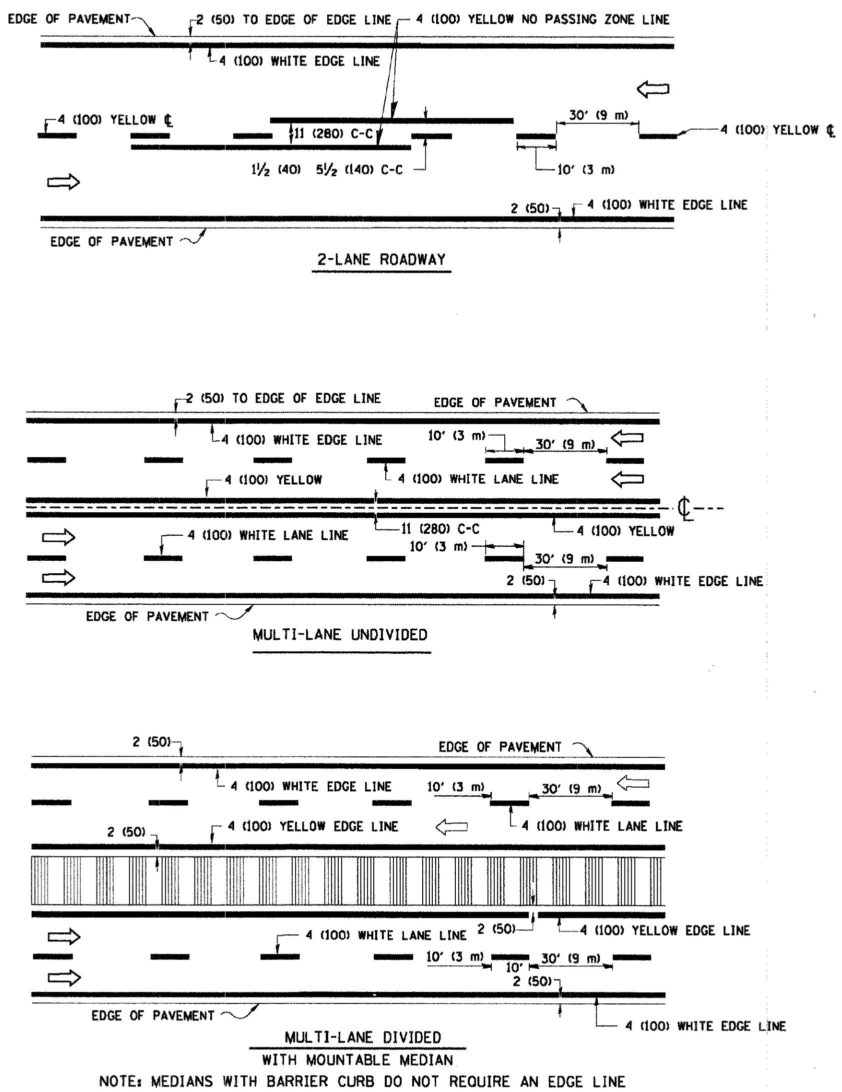
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST & WEST FRONTAGE ROADS IL RTE 53
TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (TC11)

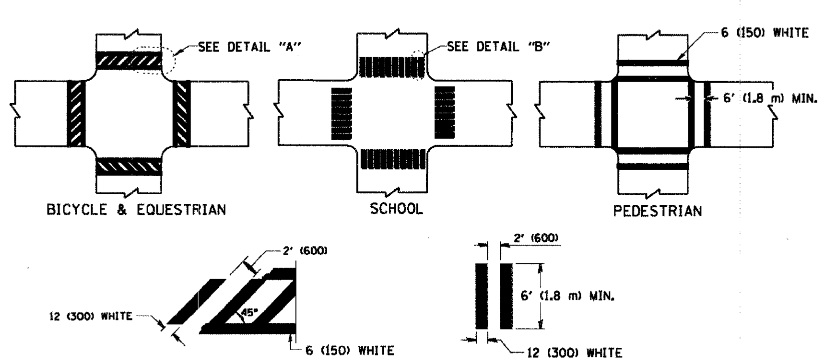
SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	12
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

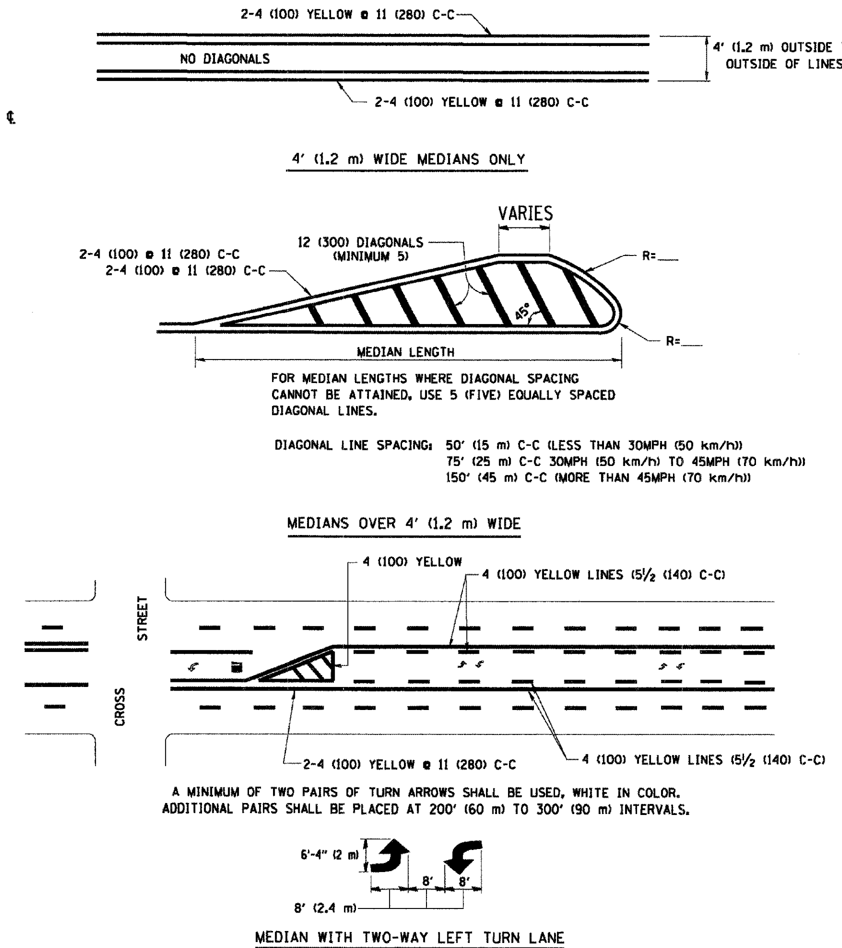
CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



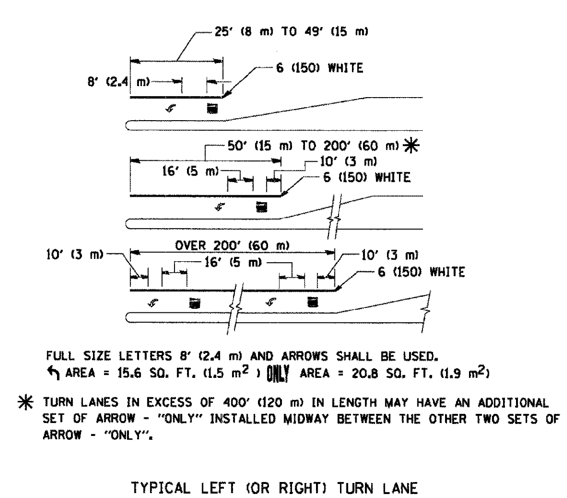
TYPICAL LANE AND EDGE LINE MARKING



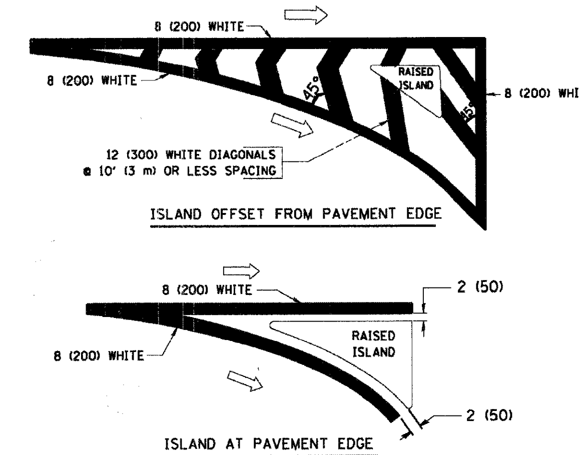
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING



TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVEDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m^2) EACH "X"=54.0 SQ. FT. (5.0 m^2)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT
MARKINGS

SCALE: NONE

DRAWN BY CADD
CHECKED BY
TC-13

PLOT DATE = 3/6/2007
FILE NAME = K:\details\tc13.dgn
PLOT SCALE = 50.000 ' / IN.
USER NAME = bauerdl

FILE NAME =	USER NAME = BLUKE	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\...\STD_...-BELGHT		DRAWN -	REVISED -
	PLOT SCALE = 1" = 20'	CHECKED -	REVISED -
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -

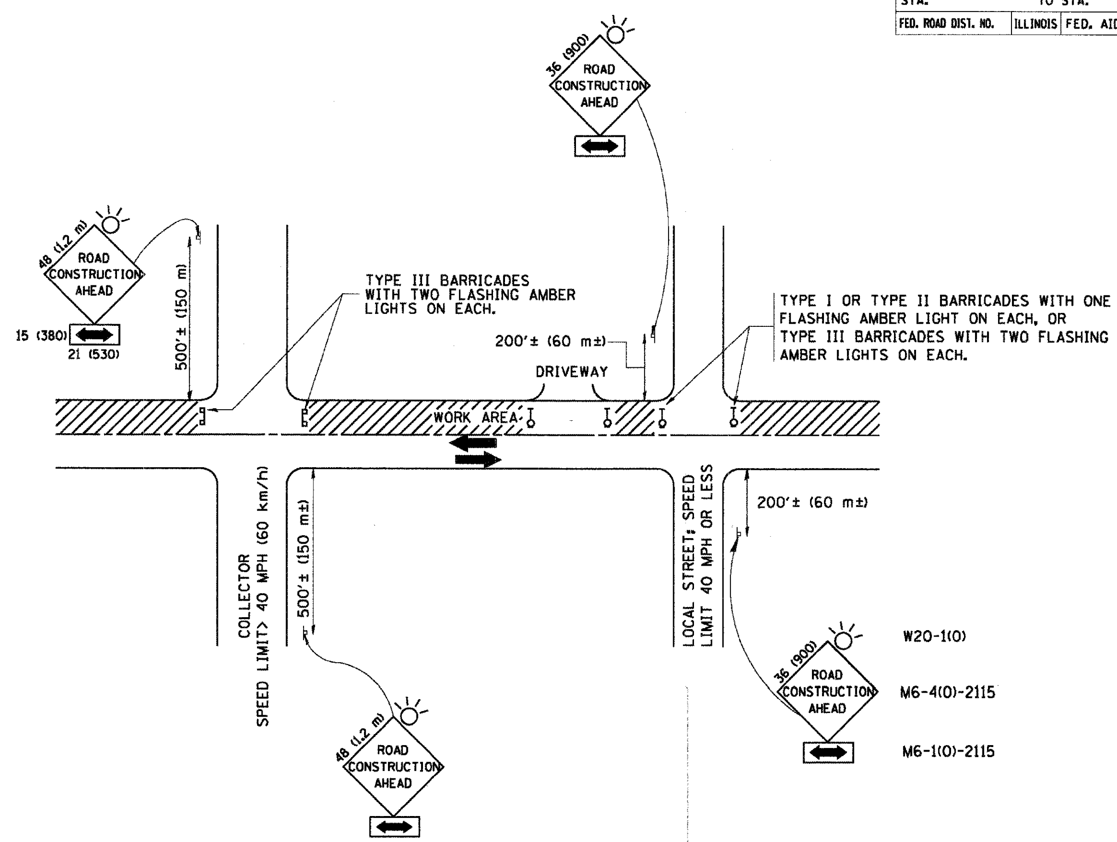
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST & WEST FRONTAGE ROADS IL RTE 53
DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC13)

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

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	13
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

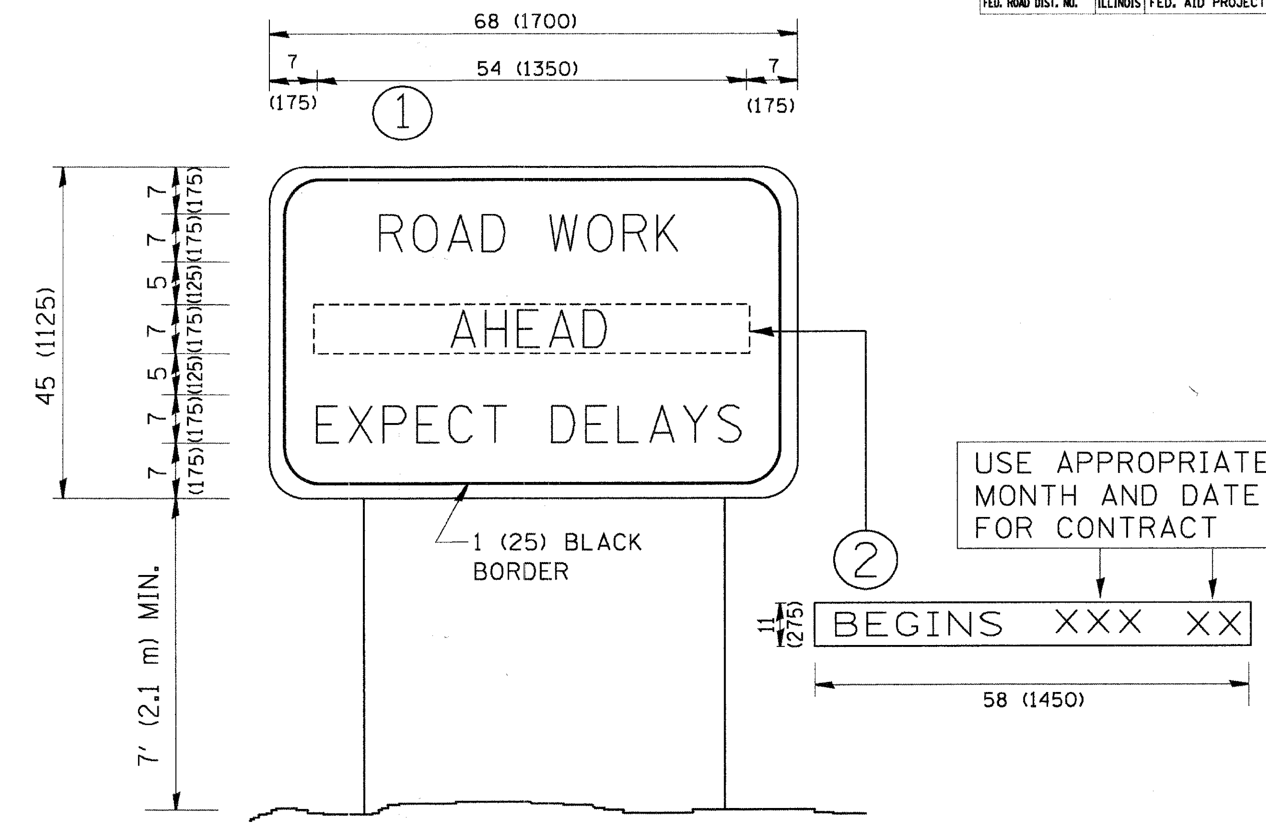
SCALE: NONE

DRAWN BY

CHECKED BY

TC-10

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAMMACHER	2-2-99
C. JUCIUS	1-31-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE

DRAWN BY DESIGN

CHECKED BY

TC22

FILE NAME = N:\ROLLINGMEADOWS\980361BR05\Civil\STD.980361BR05-04.SHT	USER NAME = BLUKE	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN -	REVISED -	
	PLOT SCALE = 1" = 20'	CHECKED -	REVISED -	
	PLOT DATE = 6/30/2009	DATE - 06/30/09	REVISED -	

EAST & WEST FRONTAGE ROADS IL RTE 53

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS & DRIVEWAYS (DIST 1 STD TC-10)

ARTERIAL ROAD INFORMATION SIGN (TC22)

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

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592/2594	09-00091-01-RS	COOK	14	14
CONTRACT NO. 63243				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		