INIDEV	OF SHEETS	STANDARDS					
IIIDEV	UF SHEETS	NUMBER	TITLE				
1 2	COVER SHEET INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES	000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS				
3-4	SUMMARY OF QUANTITIES	001001-02	AREAS OF REINFORCEMENT BARS				
5-6	TYPICAL SECTIONS	001006	DECIMAL OF AN INCH AND OF A FONT				
7-8 9-10	SCHEDULE OF QUANTITIES ALIGNMENT, TIES, AND BENCHMARKS	280001-05	TEMPORARY EROSION CONTROL SYSTEMS				
11	REMOVAL PLAN	420001-07	PAVEMENT JOINTS				
12-13	PLAN AND PROFILE	420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR				
14	STAGING PLAN - STAGE 1 CONSTRUCTION	421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT				
15 16 17	STAGING PLAN - STAGE 2 CONSTRUCTION STAGING TYPICAL SECTIONS EROSION CONTROL PLAN	482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT				
18-33	STRUCTURE PLANS	515001-03	NAME PLATE FOR BRIDGES				
34-37 38	CROSS SECTIONS DISTRICT 5 DETAIL NQ 61101011A FIELD TILE SYSTEMS (TREATMENT OF EXISTING)	606006-02	OUTLETS FOR CONC. CURB AND GUTTER, TYPE B-6.24				
		630001-08	STEEL PLATE BEAM GUARDRAIL				
39-42	DISTRICT 5 DETAIL NO. 7800AAAA PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL				
43	DISTRICT 5 DETAIL NQ X7200201 WIDTH RESTRICTION SIGNING	630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS				
44-48	EXISTING BRIDGE PLANS (SHOWN FOR	631031-08	TRAFFIC BARRIER TERMINAL, TYPE 6				
	INFORMATION ONLY)	635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT				
	ITMENTS	635011-02	REFLECTOR MARKER AND MOUNTING DETAILS				
NO COM	MITMENTS HAVE BEEN MADE.	666001-01	RIGHT OF WAY MARKERS				
		667101-01	PERMANENT SURVEY MARKERS				
		701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY				
		701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m)TO 24" (600mm) FROM PAVEMENT EDGE				
		701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH				
		701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY				
		701321-10	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER				
		701901-01	TRAFFIC CONTROL DEVICES				
		704001-06	TEMPORARY CONCRETE BARRIER				
		720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS				
		780001-02	TYPICAL PAVEMENT MARKINGS				
		781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS				
		886001-01	DETECTOR LOOP INSTALLATIONS				
		886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS				

## **GENERAL NOTES**

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-105.09A ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88

G.N.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

MS. DEBBIE ADAMS
DIVISION OFFICE MANAGER-ILLINOIS DIVISION
NORFOLK SOUTHERN RAILWAY COMPANY
1735 EAST CONDIT STREET
DECATUR, IL 62521
(217) 425-2042

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACT IS:

MR. HOWARD SWANSON
ASST. DIVISION ENGINEER-BRIDGES ILLINOIS DIVISION
NORFOLK SOUTHERN RAILWAY COMPANY
ILLINOIS DIVISION
1735 EAST CONDIT STREET
DECATUR, IL 62521
(217) 435-2042

G.N.-107.31
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123 OR 811.

G.N.-201
TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.

G.N.-25OC (SPL)
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS, IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N. -406H

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	US 150	US 150		
MIXTURE USE(S):	BINDER, FLEX CONNECTOR, BOTTOM LIFT SHOULDERS	SURFACE & TOP 1 1/2"SHOULDER		
AC/PG:	PG 64-22	PG 64-22		
RAP % (MAX)	25%	15%		
DESIGN AIR VOIDS:	4.0% @ Ndes=50	4.0% @ Ndes=50		
MIXTURE COMP: (GRADATION MIX)	IL 19.0	IL 9.5		
FRICTION AGGREGATE:	N/A	MIX C		

G.N.-631
IF THE CONTRACTOR ELECTS TO USE THE ALTERNATE MOUNTING METHOD OF THRU DRILLING THE MOUNTING HOLES FOR THE TRAFFIC BARRIER TERMINALS, TYPE 6, THE HOLES SHALL BE DRILLED USING A CORE DRILL. A HAMMER DRILL WILL NOT BE ALLOWED.

G.N.-667
THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR SETTING THESE MARKERS.

SCALE:

G.N.-703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE
PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR
PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER
(MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM
PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH
THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING
PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING
PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER
STATION).

G.N.-781

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

G.N.-1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER
COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD
SPECIFICATIONS

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP 4" IN AREAS TO BE SEEDED. THE VEGETATION SUSTAINING SOIL REQUIRED SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EXCAVATION.

THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

ALL SAW CUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCLUDED IN THE PAY ITEMS INVOLVED. THE MINIMUM SAW DEPTH IN THE PAVEMENT SHALL BE 1  $1/2^{\prime}$  UNLESS OTHERWISE NOTED.

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS, DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	1.80 TON/CU YD
BITUMINOUS MATERIAL (PRIME COAT)	0.08 GAL/SQ YD
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FARTH EXCAVATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED FOR SHORT TERM PAVEMENT MARKING.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HMA PLANT QUALITY CONTROL LAB SO THAT HMA PLANT REPORTS CAN BE EMAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS

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	PLOT DATE = 8/16/2010	DATE	-		REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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					F	1517	11BR-1	PIATT	48	2
STANDARDS AND GENERAL NOTES								CONTRACT	NO.	70613
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