LIST OF STANDARDS

000001-05 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

\001006 DECIMAL OF AN INCH AND OF A FOOT

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS 701301-03

701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH

LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY 701311-03

701901-01 TRAFFIC CONTROL DEVICES

TYPICAL PAVEMENT MARKINGS 780001-02

MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE	LEVELING BINDER	INCIDENTAL	
AC/PG	PG 64-22	PG 64-22	PG 64-22	
RAP % (MAX)	15%	25%	15%	
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50	
MIX COMPOSITION				
(GRADATION MIXTURE)	IL 12.5	IL 4.75	IL 12.5	
FRICTION AGG	MIXTURE C		MIXTURE C	

SUMMARY OF QUANTITIES

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CODE NO. ITEM		TINU	QUANTITY
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30103000	SHAPING AND GRADING ROADWAY	UNIT	23
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	173
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,005
40600300	AGGREGATE (PRIME COAT)	TON	22
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	328
40600990	TEMPORARY RAMP	SQ YD	170
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	557
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	89
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 11/2"	SQ YD	2,603
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	3,144
48101800	AGGREGATE SHOULDERS (SPECIAL)	SQ YD	840
67100100	MOBILIZATION	L SUM	1
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5,784
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
60300405	VALVE BOX FRAMES TO BE ADJUSTED	EACH	13
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	5

* SPECIALTY ITEMS

GENERAL NOTES

- 1. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- 2. THE CONTRACTOR SHALL EXERCISE CARE IN PERFORMING REMOVALS SO AS NOT TO DISRUPT ADJOINING FEATURES THAT ARE TO REMAIN IN PLACE. ANY DAMAGE CAUSED TO ADJOINING FEATURES AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- 3. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUB-CONTRACTED WORK, REGARDLESS OF FUNDING SOURCE. THE SPECIAL PROVISIONS, SPECIFICATIONS, AND STANDARD SPECIFICATIONS SHALL GOVERN CONTRACTUAL REQUIREMENTS FOR
- 4. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL AND PROTECTION.
- ALL SAW CUTTING REQUIRED FOR REMOVALS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT OF REMOVAL QUANTITIES AND WILL NO BE PAID FOR SEPARATELY.
- 6. THE CONTRACTOR SHALL EXERCISE CARE IN EXCAVATING AROUND EXISTING UTILITIES TO REMAIN IN PLACE, SUCH AS WATER AND SEWER MAINS, AND SHALL BE RESPONSIBLE FOR REPAIR OF THESE AND MAINTENANCE OF SERVICE, IF DAMAGED BY THE CONTRACTOR'S ACTIVITIES, AS DEEMED SUCH BY THE ENGINEER.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING POSITIVE DRAINAGE IN THE DISTURBED AREAS, TO THE SATISFACTION OF THE ENGINEER.
- 8. ALL AREAS THAT ARE DISTURBED BEYOND THE SEEDING LIMITS SHALL BE GRADED AND RE-ESTABLISHED BY THE CONTRACTOR AT HIS/HER EXPENSE, IN THE SAME MANNER AS FINAL GRADING WORK PER THE SPECIFICATIONS, TO THE SATISFACTION OF THE
- 9. IN ADDITION TO WARNING SIGNS SHOWN ON THE STANDARDS FOR TRAFFIC CONTROL, ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED ON INTERSECTING SIDE ROADS THROUGHOUT THE WORK ZONE.
- REMOVAL OF EXISTING OIL AND CHIP SURFACE AND AGGREGATE HAS BEEN INCLUDED IN THE EARTHWORK QUANTITIES AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. FOR EARTH EXCAVATION.
- 11. ALL ADVANCED WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE.
- 12. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

APPLICATION RATES

HOT-MIX ASPHALT MATERIALS AGGREGATE MATERIALS GRANULAR MATERIALS AGGREGATE PRIME COAT

112 LBS/SQ YD/IN (2.016 TON/CU YD) 2,04 TONS/CU YD 2.04 TONS/CU YD 5 LBS/SQ YD (AGGREGATE SURFACE) OR 3 LBS/SQ YD (CONCRETE OR BITUMINOUS SURFACE)

FOR SEEDED AREAS: NITROGEN FERTILIZER NUTRIENT 90 LBS/ACRE PHOSPHORUS FERTILIZER NUTRIENT 90 LBS/ACRE POTASSIUM FERTILIZER NUTRIENT 90 LBS/ACRE 2 TONS/ACRE TEMPORARY EROSION CONTROL SEEDING 100 LB/ACRE

ANTICIPATED EFFORTS

THE ANTICIPATED ORDER OF CONSTRUCTION IS DESCRIBED BELOW AND IS INCLUDED FOR THE CONTRACTORS CONVENIENCE ONLY. THE CONTRACTOR MAY APPROACH THE WORK IN A MANNER THAT WORKS BEST FOR THEM.

- 1. MILLING FOR BUTT-JOINTS AND INSTALLATION OF TEMPORARY RAMPS.
 2. PROFILE CONTROLLED MILLING OF HIGH AREAS. AREAS HAVE BEEN APPROXIMATED IN THE PLANS.
- 3. ADJUSTMENT OF SEWER MANHOLES, GAS VALVES, WATER VALVES, ETC.
- 4. GRADING AND SHAPING MILLINGS
- 5. HMA LEVELING BINDER MACHINE METHOD TO FILL VOIDS AND CORRECT CROSS SLOPES.
- 6. HMA SURFACE COURSE (1 1/2")
- 7. INCIDENTAL HMA SURFACING (SOME AREAS DRAIN OVER THE DRIVEWAYS. FLOW MUST BE MAINTAINED)
 8. AGG SHOULDERS AND RE-GRADING TO MAINTAIN FLOW. (APPROX AREAS OF RE-GRADING ARE SHOWN ON THE PLANS)
- 9. AGG SURFACE COURSE ON ENTRANCES (SOME AREAS DRAIN OVER THE DRIVEWAYS. FLOW MUST BE MAINTAINED)

SHEET NO. OF SHEETS STA.

10. PAINT PAVEMENT MARKING

SER NAME = _USERDESCR. DESIGNED DLD REVISED N6149NC GN 8 SQ 6305.doo DRAWN KOJ REVISED LOT SCALE = 5.0000 '/ IN. CHECKED REVISED DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** GENERAL NOTES, HIGHWAY STANDARDS AND SUMMARY OF QUANTITIES

TO STA.

SECTION TOTAL SHEE SHEETS NO. VAR 09-00028-00-RS PERRY 12 CONTRACT NO. 99386