

## INDEX OF SHEETS

- 1 COVER PAGE
- 2 INDEX OF SHEETS/HIGHWAY STAND./GEN. NOTES/MIX CHART/COMMITMENTS
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS
- 6-8 SCHEDULE OF QUANTITIES
- 9 TIE POINTS & BENCHMARKS
- 10-14 PLAN AND PROFILE SHEET
- 15-26 SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
- 27-31 PLAT OF HIGHWAYS
- 32 WIDE LOAD SIGNING
- 33-41 DETAILS
- 42-62 STRUCTURE PLANS
- 63-69 EXISTING STRUCTURE PLANS
- 70-90 CROSS SECTIONS

## HIGHWAY STANDARDS

000001-05	606201-02	666001-01	701901-01
001001-02	630001-08	701006-03	704001-05
001006	630301-05	701011-02	720001-01
406201-01	631031-07	701306-02	720006-02
	635006-03	701311-03	780001-02
420701-02	635011-02	701321-10	781001-03
515001-03	665001-02	701326-03	601101-01

## EROSION CONTROL PLAN

ANY AREAS DISTURBED DUE TO THE CONSTRUCTION ACTIVITIES SHALL BE SEEDED (TEMPORARY AND PERMANENT). THE AREA DISTURBED DUE TO THE CONSTRUCTION OF THE TEMPORARY ENTRANCE SHALL BE EXCLUDED FROM THIS DIRECTIVE. IT SHALL BE INSTEAD SODDED ACCORDING TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCERS STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.

FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE WITH CLASS 2 SEEDING.

## GENERAL NOTES

- THE STANDARDS AND REVISION NUMBERS STATED IN THE PLANS SHALL APPLY TO THIS CONTRACT.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND THE ORDERING OF MATERIALS.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
  - FRONTIER COMMUNICATIONS COMPANY
  - MJM ELECTRIC COOP, INC.
  - JERSEY COUNTY RURAL WATER COMPANY
- MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY AN •. NON- J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEDING, FERTILIZING, AND MULCHING ANY AREAS DISTURBED OUTSIDE THE LIMITS OF CONSTRUCTION. THIS WORK WILL NOT BE MEASURED FOR PAYMENT. THE SEEDING SHALL BE CLASS 1. THE APPLICATION OF THE SEEDING, FERTILIZER AND MULCH SHALL BE TO THE SATISFACTION OF THE ENGINEER. FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE.
- IF THE CONTRACTOR REMOVES TREES WITHIN THE PROJECT RIGHT-OF-WAY LIMITS FOR HIS CONSTRUCTION ACTIVITY, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE, IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE AND NO OTHER COMPENSATION WILL BE ALLOWED.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND ENDING OF THE PROJECT AND AT ANY SIDEROADS WITHIN THE PROJECT LIMITS. THIS WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.
- NO TRENCHES OR OPEN PITS WILL BE PERMITTED ADJACENT TO A TRAFFIC LANE DURING NONE WORKING HOURS. ALL WIDENING TRENCHES SHALL BE BACK FILLED DURING THE SAME WORKING DAY IT WAS EXCAVATED.
- THE COST OF GRADING AND SHAPING ALONG THE PROPOSED BASE COURSE SHALL BE INCLUDED IN THE COST OF "EARTH EXCAVATION".
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ADJACENT PAVEMENT IS NOT DAMAGED DURING ANY OPERATION.
- ALL TEMPORARY PAVEMENT MARKING SHALL BE PLACED IN SUCH A MANNER AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKING.
- ALL WIDE LOAD SIGNING SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF THE CONTRACT.
- EXCAVATIONS ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE FLASHING OR STEADY BURNING LIGHTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS A NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO THE IRREGULARITY IN THE BASE ON WHICH THE MIXTURE IS PLACED.
- THE PAVEMENT REMOVAL QUANTITY INCLUDES 35 SQUARE YARDS OF BRIDGE APPROACH PAVEMENT.
- ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- A TOTAL OF 261 TONS OF STONE RIPRAP CLASS A3, HAS BEEN INCLUDED IN THE PLANS. OF THIS QUANTITY, 243 TONS WILL BE USED ON THE HAUL ROAD AND THE REMAINDER WILL BE USED AT LOCATIONS INDICATED IN THE PLANS.
- THE SALVAGED BRIDGE RAIL SHALL BE DELIVERED TO THE JERSEY MAINTENANCE SECTOR.
- THE PRIVATE SEPTIC SEWER SYSTEM SHOWN ON THE EXISTING TOPOGRAPHY WILL BE RELOCATED BY OTHERS PRIOR TO CONSTRUCTION OF THE TEMPORARY ENTRANCE.
- RIGHT-OF-WAY MARKERS SHALL BE SET SO THE BACK OF THE POST IS TWELVE (12") INCHES INSIDE THE RIGHT-OF-WAY BOUNDARY. RIGHT-OF-WAY CORNERS ARE MARKED BY A 5/8" IRON ROD WITH IDOT ALUMINUM CAP AND SHALL NOT BE REMOVED OR DAMAGED WHEN SETTING THE RIGHT-OF-WAY MARKERS.
- THE BOTTOM 6" OF THE TEMPORARY CONCRETE BARRIER SHALL BE PAINTED WITH TEMPORARY PAVEMENT MARKING "YELLOW". THIS WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER AND NO OTHER COMPENSATION SHALL BE ALLOWED.
- THE BITUMINOUS MATERIAL (PRIME COAT) QUANTITIES HAVE BEEN DETERMINED USING AN APPLICATION RATE OF .0003129 TONS/SQUARE YARD AND THE AGGREGATE PRIME COAT QUANTITY HAS BEEN DETERMINED USING AN APPLICATION RATE OF .0015 TONS/SQAURE YARD.
- A QUANTITY OF 387 SQUARE YARDS OF PAVEMENT REMOVAL HAS BEEN INCLUDED IN THE PLANS. A TOTAL OF 150 SQUARE YARDS OF THIS QUANTITY IS ASSUMED TO BE BRIDGE APPROACH PAVEMENT.
- THE RECLAIMED ASPHALT PAVEMENT FROM THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PRIMED AND FINAL SURFACE. AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS TWICE THE AMOUNT OF PERMANENT PAVEMENT MARKINGS HAS ALSO BEEN INCLUDED IN THE PLANS.
- A TOTAL OF 1123 SOARE YDS OF STONE RIPRAP CL A3 HAS BEEN INCLUDED IN THE PLANS. 579 SOARE YARDS OF THIS QUANTITY IS TO BE USED FOR THE HAUL ROAD CONSTRUCTION. THE REMAINDER WILL BE USED FOR CONSTRUCTION IN CONJUNCTION WITH THE BRIDGE CONSTRUCTION.
- THE COST OF GRADING AND SHAPING ALONG THE PROPOSED BASE COURSE SHALL BE INCLUDED IN THE COST OF "EARTH EXCAVATION".
- THE AGGREGATE FOR TEMPORARY ACCESS WILL BE CONSTRUCTED ACCORDING TO SECTION 402.07 OF THE STANDARD SPECIFICATION.
- THE FILTER FABRIC INCLUDES QUANTITIES FOR RIPRAP LOCATED AT THE BRIDGE APPROACH PAVEMENT AND THE HAUL ROAD.

## COMMITMENTS

THE TREE LOCATED AT APPROXIMATE STATION 120+63.30, 136.4' LEFT, SHALL BE PROTECTED FROM DAMAGED DURING THE CONSTRUCTION.

RUMBLE STRIPS WILL NOT BE PLACED DURING STAGE CONSTRUCTION IF SAFETY ISSUES ALLOW.

A "HIDDEN DRIVEWAY" SIGN WILL BE PLACED IN ADVANCE OF THE PRIVATE ENTRANCE LOCATED AT STA. 108+72.85 LEFT, BY OPERATIONS PRIOR TO COMMENCEMENT OF THE PROJECT.

## MIXTURE REQUIREMENT CHART

MIXTURE USE	SURFACE	LEVEL BINDER	BINDER	BASE COURSE	INCIDENTAL SURF
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	15%	15%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)					
FRICTION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "B"	MIXTURE "C"

FILE NAME =	USER NAME = manntm	DESIGNED - HG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS /HIGHWAY STANDARDS GENERAL NOTES /MIX CHART/COMMITMENTS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\pidot\manntm\dna51935\pin0206a.dgn	DRAWN - HG	REVISED -	325			3BR-2	JERSEY	90	2	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	<b>CONTRACT NO. 76B01</b>							
PLOT DATE = 12/11/2008	DATE -	REVISED -	SCALE:			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT		