

# GENERAL NOTES

## INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS AND STANDARDS  
GENERAL NOTES AND COMMITMENTS
3. SUMMARY OF QUANTITIES
4. - 7. TYPICAL SECTIONS
8. - 10. SCHEDULE(S) OF QUANTITIES
11. - 14. LOCATION MAP(S)
15. - 21. PAVEMENT REPLACEMENT
22. - 28. PAVEMENT MARKING DETAILS
29. - 30. MISCELLANEOUS DETAILS
31. - 32. DETECTOR LOOPS
33. ELECTRICAL GENERAL NOTES AND DETAILS

## STANDARDS

- 000001-05
- 001006
- 420001-07
- 420101-04
- 420111-02
- 482011-03
- 630001-08
- 630301-05
- 635006-03
- 635011-02
- 701001-02
- 701006-03
- 701011-02
- 701201-03
- 701301-03
- 701306-02
- 701311-03
- 701326-03
- 701501-05
- 701502-03
- 701901-01
- 780001-02
- 781001-03
- 886001-01
- 886006-01

1. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
2. IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
3. MIXTURES FOR JOINTS, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
4. THE USE OF VIBRATORY ROLLERS IS PROHIBITED IN RESIDENTIAL AREAS. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE BITUMINOUS PAVEMENTS AS SPECIFIED IN THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS.
5. THE THICKNESS OF THE HMA MIXTURE 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 BITUMINOUS MIXTURE IS PLACED.
6. THE THICKNESS OF HMA SURFACE REMOVAL IS THE REMOVAL DEPTH AT THE CENTERLINE. THE REMOVAL DEPTH VARIES FROM 1-1/2" TO 2-1/4". AN ESTIMATED 16636 TONS OF HMA SURFACE WILL BE REMOVED.
7. 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:  
MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY \*. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
8. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
9. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.
10. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
11. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
12. ALL DRILLING, BARS, AND EXPANSION JOINTS REQUIRED SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR PCC PAVEMENT 9" JOINTED.
13. THE PROPOSED PAVEMENT MARKINGS SHALL MATCH THE EXISTING PAVEMENT MARKINGS.
14. THE EXISTING DETECTOR LOOP CONDUIT MAY BE DAMAGED DURING THE MILLING AND PAVEMENT REMOVAL. THE CONTRACTOR SHALL REPAIR THE CONDUIT TO THE SATISFACTION OF THE ENGINEER. THE COSTS OF THE REPAIR SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR DETECTOR LOOP REPLACEMENT.
15. ALL EARTH EXCAVATION PERFORMED FOR THE CONSTRUCTION OF THE SAFETY SHOULDERS SHALL BE INCLUDED IN THE COST OF HMA BASE COURSE WIDENING 9".
16. ALL EARTH EXCAVATION PERFORMED FOR THE PAVEMENT REPLACEMENT IN THE CITY OF BREESE SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.

18. WHEN THE RIPRAP AT LOCATION #1 IS PLACED FROM STA. 34+46 TO STA. 36+86 LT. THE CONTRACTOR SHALL PULL BACK THE GUARDRAIL POSTS TO VERTICAL POSITION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR WILL BE REQUIRED TO PERFORM SOME DIRT WORK TO PROVIDE A MINIMUM OF A 2 FOOT TURF SHOULDER OUTSIDE THE 2 FOOT AGGREGATE WEDGE SHOULDER FROM STA. 34+46 TO STA. 35+86 LT. ALL OF THIS WORK REQUIRED SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM STONE DUMPED RIPRAP, CLASSA3 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SEE DETAIL SHEET #29 FOR THIS WORK.
19. WHEN A SIDE ROAD IS CLOSED THE CONTRACTOR SHALL PLACE TYPE 3 BARRICADES WITH A ROAD CLOSED SIGN & NECESSARY LIGHTING ACROSS THE SIDE ROAD. THE NUMBER OF BARRICADES SHALL BE THE AMOUNT NEEDED TO PREVENT VEHICLES FROM DRIVING AROUND THE CLOSURE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM TRAFFIC CONTROL AND PROTECTION STANDARD 701502.
20. ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
21. ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE (48") FLUORESCENT ORANGE.
22. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
23. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ADT (Construction)	11000
MUZ:	6.7
SUZ:	1.7
20 YR. ESAL'S:	4.12

MIXTURE USE	SURFACE	LEVEL BINDER	BINDER
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	10%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION		IL 9.5	IL 19.0
(GRADATION MIXTURE)			
FRICTION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"

PLANQUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQYD/IN (59.8 KG/SQ M/25 MM THICKNESS).

24. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, LEVELING BINDER, AND FINAL SURFACE. ONLY REMOVAL FROM THE FINAL SURFACE WILL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL

### COMMITMENTS

NO COMMITMENTS

UTILITY	ABOVE GROUND	BELOW GROUND
* AMERENIP (GAS AND ELECTRIC)	X	X
* AT & T ILLINOIS	X	X
* VILLAGE OF AVISTON (WATER AND SANITARY SEWER)		X
* VILLAGE OF BECKEMEYER (WATER AND SANITARY SEWER)		X
* CITY OF BREESE (WATER, ELECTRIC, AND SANITARY)	X	X
* CITY OF CARLYLE (WATER AND SANITARY SEWER)		X
* CARLYLE NORTH WATER DEPARTMENT		X
* CARLYLE SOUTHWEST PUBLIC WATER DISTRICT		X
* CENTERPOINT ENERGY (PIPELINE)		X
* CHARTER COMMUNICATIONS (CABLE TV)	X	X
* CLINTON COUNTY ELECTRIC COOP	X	
* KINDER MORGAN (PIPELINE)		X
* QWEST SOLUTIONS CENTER (COMMUNICATIONS)		X
* SLM WATER COMMISSION		X
* ST. ROSE PUBLIC WATER DISTRICT		X
* VILLAGE OF SUMMERFIELD (WATER AND SANITARY SEWER)		X
* CITY OF TRENTON (WATER AND SANITARY SEWER)		X
* TRI-TOWNSHIP PARK DISTRICT (WATER)		X
* VERIZON NORTH, INC. (COMMUNICATIONS)	X	X

FILE NAME *	USER NAME * #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, GENERAL NOTES, COMMITMENTS</b>	F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -			1780	DIST#RESURFACING2010-3	ST. CLAIR, CLINTON	33	2	
		CHECKED -	REVISED -			CONTRACT NO. 76D77					
		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.