

GENERAL NOTES

THE WORK UNDER THIS CONTRACT CONSISTS OF THE FOLLOWING:

1. CONSTRUCTION OF A THREE - LANE FACILITY.
2. A) THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," LATEST EDITION, HEREIN REFERRED TO AS IDOT STANDARD SPECIFICATIONS.
B) THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCIES' "STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL," LATEST EDITION, HEREIN REFERRED TO AS IEPA EROSION SPECIFICATIONS.
3. CONSTRUCTION OF ROAD APPROACHES, INTERSECTIONS AND ENTRANCES.
4. SIDEWALK, SODDING, AND OTHER WORK NECESSARY TO COMPLETE THE PROJECT.
5. DATUM USED FOR SURVEY IS U.S.G.S.
6. ALL STATIONING IS ALONG THE SURVEY LINE, EXCEPT AS OTHERWISE NOTED.
7. ACCESS TO ENTRANCES SHALL BE MAINTAINED BY THE USE OF TEMPORARY SURFACE AGGREGATE IN ACCORDANCE WITH ARTICLE 107.09 OF THE STANDARD SPECIFICATIONS. HOWEVER, THE COST OF FURNISHING, PLACING AND REMOVING THE TEMPORARY SURFACE AGGREGATE WILL BE INCIDENTAL TO THE PROJECT. AN ESTIMATED QUANTITY OF 400 TONS OF AGGREGATE SURFACE COURSE, TYPE B HAS BEEN INCLUDED IN THE PLANS FOR ACCESS PURPOSES AND NO OTHER COMPENSATION WILL BE ALLOWED.
8. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATION FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR EXISTING BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
9. EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
10. ALL EXCAVATION UNDER PAVEMENT, SIDEWALK, AND CURB & GUTTER SHALL BE BACKFILLED AND COMPACTED WITH MATERIAL MEETING THE REQUIREMENTS OF SECTION 208. SEPARATE PAYMENT FOR TRENCH BACKFILL SHALL BE MADE ONLY WHEN SPECIFIED IN THE PLANS.
11. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
12. TEMPORARY MARKING TAPE SHALL BE USED FOR ALL TEMPORARY PAVEMENT MARKING ON ALL PAVEMENT LAYERS OPENED TO TRAFFIC.
13. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
14. ALL SAW CUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE FULL DEPTH OF THE ASPHALT, UNLESS OTHERWISE SPECIFIED ON A DETAIL IN THE PLANS.
15. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE.
16. FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS FOR THE HANDICAPPED (STD 424001 - 04) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.
17. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER, THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
18. ABANDONED UNDERGROUND UTILITY ITEMS WHICH CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED 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 CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
19. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB - NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107. 31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 1 - 800 - 892 - 0123. A MINIMUM OF FORTY EIGHT (48) HOURS ADVANCE NOTICE IS REQUIRED.

21. WHERE STORM SEWER IS SEPARATED BY LESS THAN 10' FROM WATER MAIN, AND PARALLEL, AND THE WATER MAIN INVERT IS LESS THAN 18" ABOVE THE STORM SEWER CROWN, THE WATER MAIN SHALL BE ENCASED IN WATER MAIN QUALITY CASING ACCORDING TO SECTION 41-2.01 OF "STANDARD SPECIFICATION FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
22. THE STORM SEWER SHALL BE CONSTRUCTED WITH A RUBBER GASKET AT ANY LOCATION WHERE A WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION, OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 18" ABOVE THE TOP OF THE SEWER ACCORDING TO SECTION 41-2.01 OF "STANDARD SPECIFICATION FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
23. IF DISSIMILAR PIPE MATERIAL EXISTS BETWEEN THE STORM PIPE AND FLARED END SECTION, A CONCRETE COLLAR SHALL BE INSTALLED AT THE JOINT (INCIDENTAL TO CONSTRUCTION).
24. PROTECTIVE COAT SHALL BE APPLIED TO THE SURFACES OF NEW CONCRETE ACCORDING TO ARTICLES 420.18 AND/OR 503.19 OF THE STANDARD SPECIFICATIONS.
25. THERMOPLASTIC PAVEMENT MARKINGS AND PAINT STRIPING QUANTITIES ARE APPROXIMATE ONLY. PAYMENT WILL BE MADE FOR ACTUAL QUANTITIES USED AS MEASURED IN THE FIELD.
26. THE FOLLOWING UTILITY COMPANIES HAVE UTILITIES WITHIN THE LIMITS OF CONSTRUCTION. ANY ADJUSTMENT OF UTILITY LOCATIONS WILL BE MADE BY THE UTILITY OWNER, UNLESS OTHERWISE NOTED ON THE PLANS. **NO DOWNTIME OR COST COMPENSATION WILL BE ALLOWED FOR ANY UTILITY RELOCATION WORK.**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6208	07-00093-00-RP	KANKAKEE	43	02
MG2A# M2-096		CONTRACT NO.: 87342		

LEGEND

EXISTING	PROPOSED	ITEM
⊙	⊙	ESDA SIREN POLE
⊙	⊙	CABLE TV BOX
⊙	⊙	LIGHT POLE
⊙	⊙	TRAFFIC SIGNAL BOX
⊙	⊙	SOIL BORING
⊙	⊙	WATER SERVICE BOX
⊙	⊙	UTILITY POLE GUY WIRE
⊙	⊙	UTILITY POLE
⊙	⊙	TELEPHONE PEDESTAL
⊙	⊙	HANDHOLE
⊙	⊙	ELECTRIC TRANSFORMER
⊙	⊙	FIRE HYDRANT
⊙	⊙	WATER VALVE
⊙	⊙	GUARDRAIL
⊙	⊙	TRAFFIC SIGNAL MAST ARM
⊙	⊙	OVERHEAD UTILITY WIRES
⊙	⊙	CULVERT
⊙	⊙	WATER MAIN
⊙	⊙	GAS MAIN
⊙	⊙	STORM SEWER
⊙	⊙	SANITARY SEWER
⊙	⊙	SANITARY FORCE MAIN
⊙	⊙	STORM ID
⊙	⊙	FLARED END SECTION
⊙	⊙	INLET
⊙	⊙	MANHOLE
⊙	⊙	TREE/BUSH
⊙	⊙	EDGE OF PAVEMENT
⊙	⊙	CURB & GUTTER
⊙	⊙	RIGHT-OF-WAY
⊙	⊙	REMOVE OBJECT
⊙	⊙	DETECTABLE WARNING FOR CURB RAMPS
⊙	⊙	FLOW DIRECTION

UTILITY	STATUS OF RELOCATION		
		DATE	
ELECTRIC COM ED DAVE NELSON 2500 S GOVERNORS HWY MONEE, IL 60466 708-235-2350	PRELIMINARY PLANS SET	2/12/08	RELOCATION PRIOR TO CONSTRUCTION
	FINAL PLAN SET		
TELEPHONE AT&T THOMAS C KRITENBRINK, JR 2427 UNION STREET, FLOOR 2 BLUE ISLAND, IL 60606 708-396-8080	PRELIMINARY PLANS SET	2/12/08	RELOCATION PRIOR TO CONSTRUCTION
	FINAL PLAN SET		
CABLE COMCAST JIM BRANDT 6 DEARBORN SQUARE KANKAKEE, IL 60901 815-937-2708	PRELIMINARY PLANS SET	2/12/08	RELOCATION PRIOR TO CONSTRUCTION
	FINAL PLAN SET		
GAS NICOR CONSTANCE LANE PO BOX 190 AURORA, IL 60507-0190	PRELIMINARY PLANS SET	2/12/08	RELOCATION PRIOR TO CONSTRUCTION
	FINAL PLAN SET		
WATER AQUA RODNEY PHILLIPPI 1000 S SCHUYLER AVE KANKAKEE, IL 60901 815-935-6535	PRELIMINARY PLANS SET	2/12/08	RELOCATION PRIOR TO CONSTRUCTION
	FINAL PLAN SET		

SANITARY SEWERS
VILLAGE OF BRADLEY
BOB CULLINS
147 S MICHIGAN
BRADLEY, IL 60915
815-933-5008

PUBLIC WORKS
VILLAGE OF BRADLEY
JIM TRAVIS
147 S MICHIGAN
BRADLEY, IL 60915
815-933-5008

TRAFFIC SIGNALS
KANKAKEE COUNTY HIGHWAY DEPARTMENT
JIM PIEKARCZYK
750 S EAST AVENUE
KANKAKEE, IL 60901-0825
815-933-1731

PAVEMENT DESIGN

CLASS II, 3-LANE PAVEMENT
D.P. - 20 YEARS
DESIGN TRAFFIC
EXISTING ADT: 3250 5% GROWTH
PROPOSED ADT: 9100
PV (95%): 8645 SU (4%): 364 MU (1%): 91
73,280 POUND LOAD LIMIT
CRITICAL SUBGRADE ERI: 2KSI
T.F.=D.P. (0.073PV+44.53SU+156.403MU)
1,000,000

T.F. = 0.62
SUBGRADE SUPPORT RATING: POOR
USE AC-20 BECAUSE OF STOPPING AND STARTING
MIXTURE TEMPERATURE: 78.6
Eac: 580
DESIGN STRAIN: 125
PAVEMENT THICKNESS REQUIRED: 10.0"

USE: 10"

	HMA BINDER	HMA LEVEL BINDER	HMA SURFACE	HMA BASE COURSE
PG GRADE	PG58-22	PG58-22	PG54-22	PG58-22
MAX % RAP ALLOWABLE**	25%	25%	15%	25%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5	IL 19.0
FRICTION AGGREGATE			MIXTURE D	
DENSITY TEST METHOD	NUCLEAR/CORES	SATISFACTION OF ENGINEER	NUCLEAR/CORES	NUCLEAR/CORES

** IF THE RAP PERCENTAGE IS DIFFERENT THAN LISTED ABOVE, THE PG GRADE MAY NEED ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.



REVISIONS		
DATE	BY	DESCRIPTION
2/11/08	AJC/WJP	PER IDOT REVIEW
3/27/08	JWP	PER IDOT REVIEW

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES & LEGEND
CARDINAL DRIVE

SCALE: DRAWN BY: MJO/AJC
DATE: 1/4/08 CHECKED BY: JWP