

GENERAL NOTES

THE WORK UNDER THIS CONTRACT CONSISTS OF THE FOLLOWING:

- DATUM USED FOR SURVEY IS U.S.G.S.
- ALL STATIONING IS ALONG CENTERLINE OF ROADWAY, EXCEPT AS OTHERWISE NOTED.
- ACCESS TO ENTRANCES - 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 PAID FOR AT THE CONTRACT PRICE PER SQ.YD. FOR AGGREGATE SURFACE COURSE TYPE A AND NO OTHER COMPENSATION WILL BE ALLOWED.
- 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 BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- ALL EXCAVATION UNDER PAVEMENT, SIDEWALK, AND CURB & GUTTER SHALL BE BACKFILLED AND COMPACTED WITH MATERIAL MEETING THE REQUIREMENTS OF SECTION 209. SEPARATE PAYMENT FOR TRENCH BACKFILL SHALL BE MADE ONLY WHEN SPECIFIED IN THE PLANS.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- 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.
- ALL SAWCUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 2 INCHES, UNLESS OTHERWISE SPECIFIED IN A DETAIL IN THE PLANS.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE.
- ALL REQUIRED SAW CUTTING SHALL BE INCIDENTAL TO THE REMOVAL PAY ITEM INVOLVED.
- FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS FOR THE HANDICAPPED (STD 2356) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE 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.
- 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.
- 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.
- 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.
- ALL WATER MAINS SHALL BE PROTECTED FROM CONTAMINATION. STATE CODE SECTION 653.119 EXPLAINS THE METHODS OF PROTECTION AND WHEN THEY ARE REQUIRED.
- PROTECTIVE COAT SHALL BE APPLIED TO THE SURFACES OF NEW CONCRETE ACCORDING TO ARTICLES 420.18 AND/OR 503.19 OF THE STANDARD SPECIFICATIONS.
- THERMOPLASTIC PAVEMENT MARKINGS AND PAINT STRIPING QUANTITIES ARE APPROXIMATE ONLY. PAYMENT WILL BE MADE FOR ACTUAL QUANTITIES USED AS MEASURED IN THE FIELD.
- THE FOLLOWING UTILITY COMPANIES HAVE UTILITIES WITHIN THE LIMITS OF CONSTRUCTION. ADJUSTMENT OF UTILITY LOCATIONS WILL BE MADE BY THE OWNER, UNLESS OTHERWISE NOTED ON THE PLANS.

LEGEND

- IRON ROD RECOVERED
- ⊗ RIGHT-OF-WAY MARKER
- IRON PIPE RECOVERED
- ⊕ PK NAIL RECOVERED
- EXIST. MAILBOX
- ↑ EXIST. FLAG POLE
- ↑ EXIST. GUY WIRE
- ⊕ EXIST. POWER POLE
- ⊕ EXIST. STREET LIGHT
- ⊕ EXIST. LIGHT POLE
- ⊕ EXIST. TELEPHONE PEDESTAL
- ⊕ EXIST. GAS VALVE
- ⊕ EXIST. FIRE HYDRANT
- ⊕ EXIST. WATER VALVE
- ⊕ EXIST. BUFFALO BOX
- ⊕ EXIST. WATER METER
- ▽ EXIST. FLARED END SECTION
- ⊕ EXIST. INLET
- ⊕ EXIST. MANHOLE
- ⊕ EXIST. STOP SIGN
- ⊕ EXIST. SIGN
- ~ EXIST. DITCH FLOW LINE
- GRADE
- ~ EXIST. SWALE FLOW LINE
- ⊕ TREE/BUSH
- ⊕ EXIST. TREE STUMP, SIZE
- EXIST. CULVERT
- w — EXIST. WATER
- ▷— EXIST. STORM SEWER
-)— EXIST. SANITARY SEWER
- x-x-x-x-x- EXIST. FENCE
- EXIST. EDGE OF PAVEMENT & SIDEWALK
- ===== EXIST. CURB & GUTTER
- EXIST. RIGHT OF WAY
- ∩ (680.70) NEW SPOT ELEVATION
- ⊕ NEW MANHOLE
- NEW INLET
- ▽ NEW FLARED END SECTION
- ▷— NEW STORM SEWER
- NEW EASEMENT
- NEW RIGHT OF WAY
- ===== NEW CURB & GUTTER
- ⊕ DETECTABLE WARNINGS FOR CURB RAMPS ON SIDEWALKS
- X REMOVE OBJECT

PAVEMENT DESIGN

MAPLE STREET AND RONNIE GRAY DRIVE

Class II, 2-lane pavement
 D.P. - 20 years
 Design Traffic
 Existing ADT: 1600 1% growth
 Proposed ADT: 1972
 PV (85%): 1676 SU (10%): 197 MU (5%): 99
 72,000 pound load limit
 Critical subgrade Eri: 3ksi
 T.F. = D.P. (0.073PV+44.53SU+156.403MU)
 1,000,000

T.F. = 0.486
 Subgrade support rating: fair
 use PG 64-28 for surface and binder
 use pg 58-22 for base
 mixture temperature: 78.5
 Eac: 580
 design strain: 175
Pavement thickness required: 7.0"

USE: 7.25"

UTILITY	STATUS OF RELOCATION	
	DATE	
POWER COMMONWEALTH EDISON CO. 2500 SOUTH GOVERNORS HIGHWAY UNIVERSITY PARK, IL 60466	PRELIMINARY PLANS SET 9/28/09	RELOCATION PRIOR TO CONSTRUCTION
	FINAL PLAN SET 10/30/09	
TELEPHONE AT&T 65 WEST WEBSTER JOLIET, IL 60431	PRELIMINARY PLANS SET 9/28/09	RELOCATION PRIOR TO CONSTRUCTION
	FINAL PLAN SET 10/30/09	
CABLE TV COMCAST 17700 HOFFMAN WAY HOMEWOOD, IL 60430	PRELIMINARY PLANS SET 9/28/09	RELOCATION PRIOR TO CONSTRUCTION
	FINAL PLAN SET 10/30/09	
GAS NORTHERN ILLINOIS GAS CO. 1844 FERRY ROAD NAPERVILLE, IL 60563	PRELIMINARY PLANS SET 9/28/09	RELOCATION PRIOR TO DURING CONSTRUCTION
	FINAL PLAN SET 10/30/09	
WATER AQUA ILLINOIS 1000 SOUTH SCHUYLER AVE. KANKAKEE, IL 60901	PRELIMINARY PLANS SET 9/28/09	RELOCATION PRIOR TO CONSTRUCTION
	FINAL PLAN SET 10/30/09	

HMA TABLE		
	HMA Binder	HMA Surface
PG Grade	PG64-22	PG64-22
Design Air Voids	4.0% @ N50	4.0% @ N50
Mixture Composition	IL 19.0	IL 12.5 or IL 9.5
Friction Aggregate	-	Mixture C
Density Test Method	Cores / Correlation	Cores / Correlation

* Material shall be compacted to 93.0-97.4 percent of the maximum theoretical density, except that when placed as first lift on an unimproved subgrade the minimum percent compaction shall be 92.0 percent. The maximum theoretical density shall be determined from the moving average as specified in the QC/QA Specification.
 ** If RAP option is selected, the asphalt cement grade may need to be adjusted. This will be determined by the Engineer.

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	59	2

CONTRACT NO. 87252
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* RONNIE GRAY DRIVE (6502)
 MAPLE STREET (6512)
 ** 00-00054-00-FP

TYSON ENGINEERING, INC.
 CONSULTING CIVIL ENGINEERS
 LAND SURVEYORS
 DESIGN FIRM LICENSE #184-001136
 367 SOUTH SCHUYLER AVENUE
 KANKAKEE, ILLINOIS 60901
 PHONE (815) 932-7406

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REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	10/30/09	MRG	PER IDOT REVIEW

GENERAL NOTES,
 PAVEMENT DESIGN
 AND LEGEND

VILLAGE OF MANTENO
MAPLE STREET AND RONNIE GRAY DRIVE IMPROVEMENTS
 MANTENO, ILLINOIS

SECTION 00-00054-00-FP	
DATE: 9/25/09	JOB NO. E06030
SCALE: N/A	FILE NO.
DRAWN BY: MRG	SHEET 2
CHECKED BY: SRM	