

GENERAL NOTES

GENERAL

1. THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, AND ALL ADDENDA THERETO, SHALL GOVERN ALL WORK UNDER THIS CONTRACT, EXCEPT AS MODIFIED BY THESE SPECIFICATIONS.
2. THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, SHALL GOVERN THE UNDERGROUND WORK UNDER THIS CONTRACT, EXCEPT AS MODIFIED BY THESE SPECIFICATIONS.
3. ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS AND THE VILLAGE OF AROMA PARK REGULATIONS.
4. THE CONTRACTOR(S) SHALL COMPLY WITH ALL LOCAL AND STATE SAFETY LAWS, REGULATIONS AND ORDINANCES; AND FEDERAL SAFETY REGULATIONS AS OUTLINED IN THE LATEST REVISIONS OF THE FEDERAL CONSTRUCTION SAFETY STANDARDS AND WITH ALL PROVISIONS AND REGULATIONS OF THE OSHA STANDARDS. EACH CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SAFE WORKING PLACE FOR HIS EMPLOYEES. THE CONTRACTOR(S) ARE RESPONSIBLE FOR THE SUPERVISION, DIRECTION AND CONDUCT OF THEIR EMPLOYEES, AGENTS, MATERIAL SUPPLIERS AND VENDORS. THE CONTRACTOR(S), BY USING THESE PLANS FOR THEIR WORK, AGREE TO HOLD HARMLESS TYSON ENGINEERING, INC. (THE ENGINEER), HIS EMPLOYEES AND AGENTS WHILE ACTING WITHIN THE SCOPE OF THEIR DUTIES FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, DAMAGES, AND THE COST OF DEFENSE ARISING OUT OF CONTRACTOR(S) PERFORMANCE OF THE WORK DESCRIBED HEREIN, BUT NOT INCLUDING THE SOLE NEGLIGENCE OF THE OWNER, HIS AGENTS, THE ENGINEER, HIS EMPLOYEES AND AGENTS.
5. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES FOR FIELD LOCATIONS OF THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE LOCATION, MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ANY UTILITY LOCATIONS SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS AND ARE FOR GENERAL DIRECTION ONLY. ALL UTILITY LOCATIONS SHOWN MUST BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
6. WHEREVER OBSTRUCTIONS NOT SHOWN ON THE PLANS ARE ENCOUNTERED DURING CONSTRUCTION AND INTERFERE TO SUCH AN EXTENT THAT AN ALTERATION IN THE PLANS IS REQUIRED, THE ENGINEER SHALL BE NOTIFIED PRIOR TO ANY CHANGES.
7. ANY FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE REPAIRED AND RETURNED TO ITS ORIGINAL INTEGRITY, ROUTE, AND FUNCTION, AND SHALL NOT BE CONNECTED INTO THE NEW STORM SEWER SYSTEM UNLESS OTHERWISE APPROVED BY THE VILLAGE.
8. ALL ITEMS THAT ARE NOT SPECIFICALLY SHOWN ON THE PLANS OR IN THE SUMMARY OF QUANTITIES BUT CAN REASONABLY BE INTERPRETED TO BE INCLUDED IN THE WORK DESCRIBED SHALL BE INCIDENTAL TO THE COST OF THE CONTRACT.
9. TRAFFIC CONTROL SHALL BE USED WHEN NECESSARY AND SHALL BE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION. COST OF TRAFFIC CONTROL SHALL BE INCIDENTAL TO THE CONTRACT, UNLESS OTHERWISE NOTED.
10. ALL UTILITY TRENCHES UNDER AND WITHIN TWO FEET OF PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. SHALL BE BACKFILLED WITH CLEAN CA-07 CRUSHED STONE TRENCH BACKFILL.
11. ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM.
12. ALL FRAMES AND GRATES SHALL BE EAST JORDAN IRON WORKS MANUFACTURE OF THAT TYPE SHOWN ON THE PLANS, OR EQUAL.
13. IN ADDITION TO THE INDEMNIFICATION AND INSURANCE REQUIREMENTS DESIGNATED IN OTHER BIDDING OR SPECIFICATION DOCUMENTS TO THE FULLEST EXTENT PERMITTED BY LAW, THE CONTRACTOR AGREES TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE VILLAGE OF AROMA PARK AND TYSON ENGINEERING, INC., AND THEIR OFFICERS, EMPLOYEES AND AGENTS, FROM ALL LOSSES, COSTS, LOSS OF USE, DAMAGES OR BODILY INJURY, INCLUDING DEATH, AND ALL ATTORNEY'S FEES AND COSTS RESULTING THEREFROM, CAUSED OR RESULTING OR CLAIMED TO BE CAUSED OR RESULTING FROM THE WORK OR SERVICES OF THE CONTRACTOR OR THOSE FOR WHOM HE IS RESPONSIBLE WITHOUT ANY LIMITATIONS ON THE VILLAGE OF AROMA PARK'S OR TYSON ENGINEERING, INC.'S OTHER RIGHTS. IN ADDITION, CERTIFICATES OF INSURANCE ADDING THE VILLAGE OF AROMA PARK, TYSON ENGINEERING, INC. AND THEIR OFFICERS, EMPLOYEES AND AGENTS, AS ADDITIONAL INSURED ON THE CONTRACTOR'S GENERAL PUBLIC LIABILITY AND PROPERTY DAMAGE POLICY AND PROTECTIVE LIABILITY INSURANCE POLICY, SAID CERTIFICATE STATING THAT THE COVERAGE IS FOR THIS SPECIFIC PROJECT AND HAVING A 30-DAY ADVANCE NOTICE CANCELLATION CLAUSE.


















THE CONTRACTOR WILL NOT BE ALLOWED TO COMMENCE CONSTRUCTION UNTIL CERTIFICATES OF INSURANCE INDEMNIFYING AND ADDING AS ADDITIONAL INSURED THE VILLAGE OF AROMA PARK AND TYSON ENGINEERING, INC. AND THEIR OFFICERS, EMPLOYEES AND AGENTS, HAVE BEEN DELIVERED TO AND APPROVED BY THE VILLAGE OF AROMA PARK.

THE INSURANCE REQUIREMENTS SHALL MEET THOSE SPECIFIED IN ARTICLE 107.27 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
14. THE VILLAGE AND THE VILLAGE ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCEMENT OF ANY SITE WORK. THE ENGINEER IS TO BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 24 HOURS PRIOR TO COVERING ANY EXPOSED SUBGRADE, PLACING ANY FILL, BACKFILLING SANITARY, WATER, OR STORM LINES, PLACING BASE COURSE STONE, PLACING CONCRETE, OR PLACING ASPHALT.
15. THE LOCATION OF THE SITE IMPROVEMENTS ARE NOT LOCATED WITHIN A FLOODPLAIN OR WETLANDS.
16. THE CONTRACTOR SHALL FURNISH RECORD DRAWINGS TO TYSON ENGINEERING, INC. THAT INCLUDE INFORMATION SHOWING ALL MODIFICATIONS TO PLANS, LOCATIONS OF ALL SERVICE CONNECTIONS, AND ANY OTHER INFORMATION DEEMED NECESSARY BY THE ENGINEER.
17. NO EXTRA WORK OF ANY NATURE SHALL BE UNDERTAKEN WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER OR HIS REPRESENTATIVES.
18. THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE MOST RECENT SET OF THE "APPROVED FOR CONSTRUCTION" FINAL ENGINEERING PLANS ON THE JOB SITE PRIOR TO THE START OF CONSTRUCTION.

EXCAVATION

1. SURPLUS EXCAVATED SOIL MATERIALS SHALL BE REMOVED FROM THE SITE AS ACCEPTABLE TO THE ENGINEER.
2. ALL FILLS SHALL BE COMPACTED IN 6-INCH LIFTS TO A MINIMUM OF 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE REQUIREMENTS OF ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL ORDINANCES.
4. UPON COMPLETION OF THE WORK, TOPSOIL SHALL BE SPREAD TO A MINIMUM THICKNESS OF 6-INCHES AND GRADED TO MEET SURROUNDING ELEVATIONS.
5. ALL DISTURBED UNPAVED AREAS SHALL BE SEEDED WITHIN 30 DAYS OF SUBSTANTIAL COMPLETION OF THE SITE CONSTRUCTION OPERATIONS UNLESS OTHERWISE APPROVED BY THE VILLAGE.

LEGEND

-  EXIST. STREET LIGHT
-  EXIST. FIRE HYDRANT
-  EXIST. WATER VALVE
-  EXIST. INLET
-  EXIST. MANHOLE
-  EXIST. SIGN
-  EXIST. SIGN
-  TREE/BUSH
-  NEW SIGN
-  EXIST. STORM SEWER
-  EXIST. SANITARY SEWER
-  EXIST. WATER MAIN
-  EXIST. GAS MAIN
-  EXIST. FENCE
-  EXIST. EDGE OF PAVEMENT & SIDEWALK
-  EXIST. CURB & GUTTER
-  NEW ELECTRIC LINE

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	ITEM	FUND CODE 1002-1C	
		UNIT	QUANTITY
* 42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	455
42400800	DETECTABLE WARNINGS	SQ FT	60
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	59
* 44000600	SIDEWALK REMOVAL	SQ FT	455
* 60606300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	59
67100100	MOBILIZATION	L SUM	1
* 70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
* 70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	22
△* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	210
△* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	204
△* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	25
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	309
△* 81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	70
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	70
△* 82500505	LIGHTING CONTROLLER, SPECIAL	EACH	1
△ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	260
△ 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT	EACH	2
△ 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8
△* 88040020	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, BRACKET MOUNTED	EACH	4
△* X0325208	SOLAR LIGHTING UNIT COMPLETE	EACH	1

* SEE SPECIAL PROVISIONS
△ SPECIALTY ITEM

TRAFFIC SIGNAL GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. (J.U.L.I.E. 800-892-0123)
2. ALL SIGNAL BASES SHALL BE LOCATED A MINIMUM OF 4 FEET FROM THE FACE OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. 0.6 CM (1/4 INCH) DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS AND FOUNDATIONS OR CONTROLLER AS INCIDENTAL TO THE RESPECTIVE CONDUIT PAY ITEM.
4. THE PROPOSED LIGHTING CONTROL CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CORD WITHIN THE POLICE DOOR COMPARTMENT AS INCIDENTAL TO THE CONTROL CABINET PAY ITEM.
5. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE FLASHING SIGNAL IS TURNED ON, INCIDENTAL TO THE CONTROLLER PAY ITEM.
6. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 0.60 METERS (2 FEET) MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
7. NEW SIDEWALK TO BE PLACED OR ADDED SHALL BE PLACED SO THAT THE SIDEWALK ABUTS ANY POLE CONTAINING A PEDESTRIAN PUSH-BUTTON.
8. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY, INCIDENTAL TO THE CONDUIT PAY ITEM.
10. ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
11. A RUBBER GROMMET SHALL BE USED WHERE CABLE PASSES FROM THE INSIDE OF A POST OR MAST ARM SHAFT TO A SIGNAL HEAD OR PEDESTRIAN PUSH BUTTON.

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	3	2

CONTRACT NO. 87369

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

** WALDRON RD. FAU 6184

** 08-00018-00-SP

TYSON ENGINEERING, INC.
Consulting Civil Engineers
Land Surveyors
Design Firm License #184-001136

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revisions

no.	date	by	description
1	6/19/09	MRG	PER IDOT REVIEW

date 4/21/09
file no.
scale N/A
drawn by NRD
checked by KTM

THE VILLAGE OF AROMA PARK

PROPOSED FLASHING SCHOOL CROSSING SIGN INSTALLATION
AT THE INTERSECTION OF WALDRON ROAD AND DIVISION STREET
AROMA PARK, ILLINOIS

project

GENERAL NOTES, LEGEND & SUMMARY OF QUANTITIES

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job no. E08063