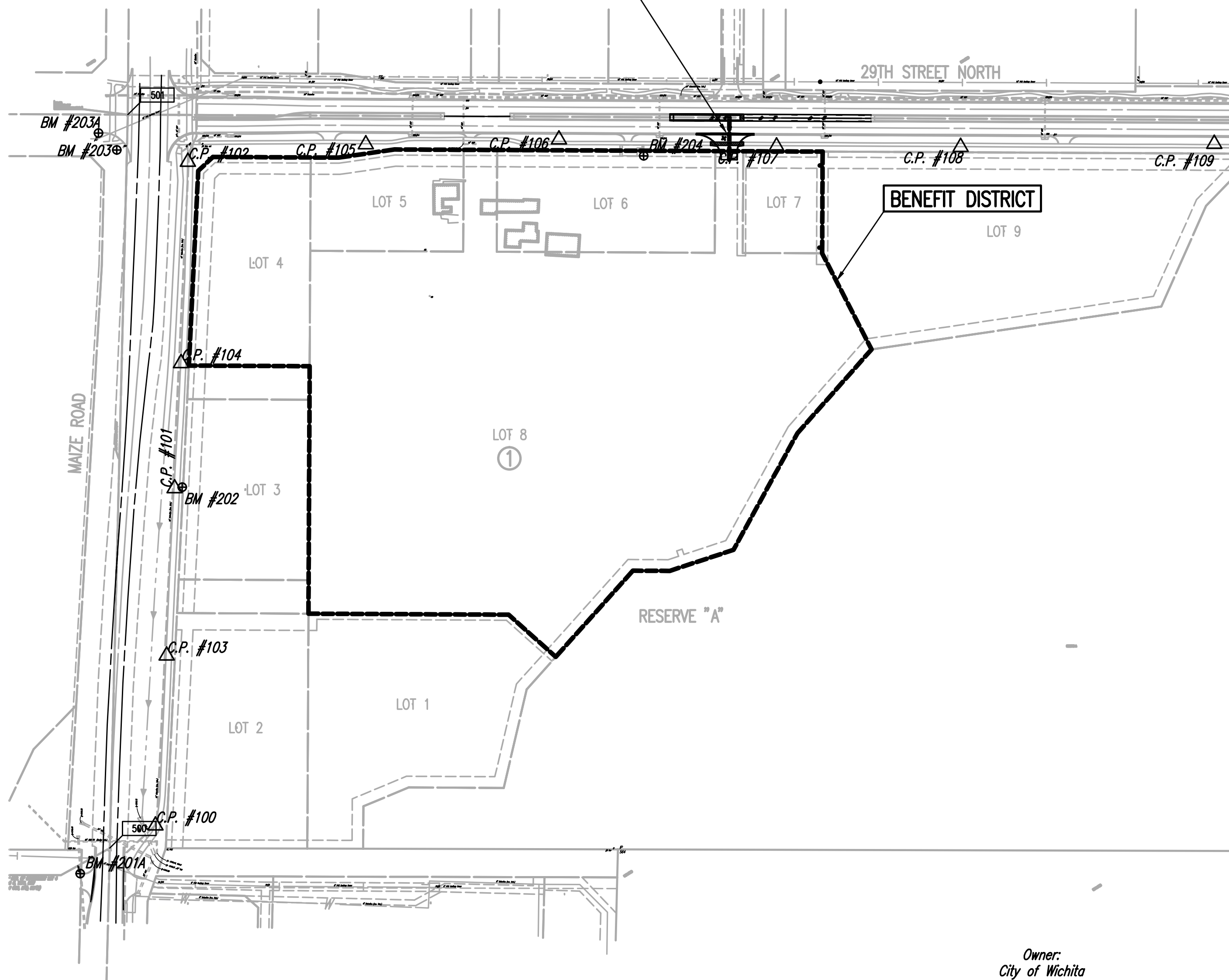


PROP. PAVING IMPROVEMENTS
C.O.W. PROJ. NO. 472-85234



GENERAL NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:

KANSAS ONE-CALL	687-2470
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THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

AT&T	1-800-246-8464
BLACK HILLS ENERGY	1-800-694-8989
CITY OF WICHITA WATER	1-316-268-4355
CITY OF WICHITA SEWER	1-316-268-4073
CITY OF WICHITA STORMWATER	1-316-268-4090
CITY OF WICHITA TRAFFIC	1-316-268-4034
COX COMMUNICATIONS	1-888-249-3530
KANSAS GAS SERVICE	1-888-482-4950
WESTAR ENERGY	1-800-544-4857
- UTILITY SERVICE LINES, POLES, ETC. ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS, IN THE OPINION OF THE ENGINEER, THAT WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WILL REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
- TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
- THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ABUTTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS NOTICE PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- THE WATER DISTRIBUTION DIVISION SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR AT HIS OWN EXPENSE. VALVE BOXES AND WATER METERS WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO MATCH FIELD GRADES.
- IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER, BRIAN COON AT TRAFFIC@WICHITA.GOV BEFORE CONSTRUCTION CAN BEGIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES TO FACILITATE CONSTRUCTION. ALL CONSTRUCTION ZONE MARKINGS AND SIGNAGE SHALL CONFORM TO THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS PUBLISHED BY THE US DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION. ALL COSTS ASSOCIATED WITH CONSTRUCTION MARKINGS AND SIGNAGE SHALL BE THE CONTRACTORS RESPONSIBILITY.
- ALL ELEVATIONS SHOWN ARE NAVD 88. (NAVD88 -0.47'=NGVD, NGVD - 1187.4'= CITY DATUM)
- ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. SEED SHALL BE RYE. THIS WORK SHALL BE PAID FOR AS THE CONTRACT LUMP SUM PRICE BID FOR "SEEDING, TEMPORARY".
- ALL EXISTING PAVEMENT AND CURB AND GUTTER WITHIN THE CONSTRUCTION LIMITS SHALL BE SAW CUT, FULL DEPTH, TO THE LINES SHOWN ON THE PLANS, OR TO THE NEAREST JOINT, AND REMOVED, UNLESS OTHERWISE NOTED. IF REMOVAL LIMITS ARE WITHIN THREE FEET OF A JOINT, REMOVE TO THE JOINT.
- ALL TRAFFIC CONTROL DEVICES IN THE WORK ZONE (INCLUDING MARKINGS AND SIGNS) AND THEIR INSTALLATION AND MAINTENANCE SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL TRAFFIC CONTROL DEVICES IN THE TRAVELED WAY OR CLEAR ZONE SHALL BE CRASHWORTHY (NCHRP Report 350 or MASH compliant). http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/wzd
- ALL CONSTRUCTION EQUIPMENT, INCLUDING VEHICLES, MATERIALS, AND DEBRIS, SHALL BE STORED OUTSIDE OF THE CLEAR ZONE, WHERE THIS CANNOT BE ACHIEVED THE CONTRACTOR SHALL PLACE APPROPRIATE SIGNS, OBJECT IDENTIFIERS, AND/OR BARRICADES IN COMPLIANCE WITH THE MUTCD.
- EXCEPT WHEN REQUIRED FOR SAFETY, TRAFFIC CONTROL SHALL NOT BLOCK ANY LANES OR SIDEWALKS WHEN WORK IS NOT BEING PERFORMED.
- EACH BIDDER SHALL VISIT THE SITE OF THE PROJECT BEFORE SUBMITTING THE PROPOSAL FOR THIS WORK SO THAT HE WILL BE FULLY INFORMED OF THE EXISTING FIELD CONDITIONS AND THE OBSTACLES WHICH MIGHT BE ENCOUNTERED. UPON AWARD OF THE CONTRACT THE CONTRACTOR WILL NOT BE GRANTED ANY ADDITIONAL COMPENSATION WITH REGARDS TO TIME AND MONEY FOR CONDITIONS THAT MAY HAVE BEEN EVALUATED DURING AN INSPECTION OF THE SITE.
- FIELD LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY EXCAVATION WORK. CONTACT THE KANSAS-ONE-CALL SYSTEM AT 811 AT LEAST 72 HOURS IN ADVANCE TO REQUEST FIELD LOCATES. FOR UTILITIES THAT ARE NOT MEMBERS OF THE KANSAS-ONE-CALL SYSTEM, CONTACT THOSE COMPANIES DIRECTLY.
- THE CONTRACTOR SHALL ADHERE TO THE LATEST ADA REGULATIONS. ANY DISCREPANCIES WITH GRADES SHOWN SHALL BE REPORTED TO THE ENGINEER FOR RESOLUTION PRIOR TO PLACEMENT OF PAVEMENT, INCLUDING CONCRETE WALKS. THE CONTRACTOR SHALL COMPLY TO THE FOLLOWING GRADING REQUIREMENTS FOR ADA ACCESSIBLE ROUTES:

CURB RAMPS -	SLOPE NOT TO EXCEED 1:12 MAX LENGTH=6 FEET WITH MAX RISE OF 6 INCHES.
CONCRETE WALKS -	LONGITUDINAL SLOPE NOT TO EXCEED 5% TRANSVERSE SLOPE NOT TO EXCEED 2%.
LANDING AREAS -	SLOPE NOT TO EXCEED 2% IN ALL DIRECTIONS 5' LANDING AREA REQUIRED AT DOOR ENTRANCES AND CURB RAMPS.

CONTROL POINTS

- Pl. No. 100
MON. PKN
N: 8,994.2040, E: 5,177.5870
- Pl. No. 101
PKN
N: 9,597.4580, E: 5,211.7520
- Pl. No. 102
PKN
N: 10,181.5580, E: 5,235.6590
- Pl. No. 103
PKN
N: 9,298.2310, E: 5,197.6390
- Pl. No. 104
PKN
N: 9,821.4260, E: 5,223.2540
- Pl. No. 105
#4 BAR
N: 10,212.7870, E: 5,553.7820
- Pl. No. 106
#4 BAR
N: 10,221.5930, E: 5,899.2830
- Pl. No. 107
#4 BAR
N: 10,208.9100, E: 6,288.5020
- Pl. No. 108
#4 BAR
N: 10,208.1070, E: 6,617.7130
- Pl. No. 109
#4 BAR
N: 10,213.7460, E: 7,071.5560
- Pl. No. 110 (NOT SHOWN)
#4 BAR
N: 10,202.9280, E: 7,383.7340
- Pl. No. 111 (NOT SHOWN)
#4 BAR
N: 10,218.1220, E: 7,706.3080

BENCH MARK LIST @ BM #201

- BM #201 - CHISELED SQUARE ON TOP OF CURB, SOUTH SIDE OF DRIVE ENTRANCE TO NORTHEAST CORNER OF TARGET PARKING LOT AND SOUTHWEST OF SOUTHWEST CORNER OF GOVERNMENT LOT 4, SEC 5-27-1W. ELEV.=1352.44 (NAVD88)
- BM #201A - CHISELED SQUARE ON TOP OF CURB, NORTH SIDE OF DRIVE ENTRANCE TO NORTHEAST CORNER OF TARGET PARKING LOT AND SOUTHWEST OF SOUTHWEST CORNER OF GOVERNMENT LOT 4, SEC 5-27-1W. ELEV.=1352.79 (NAVD88)
- BM #201B - CHISELED SQUARE ON TOP OF NORTH END OF WEST CURB FOR MAIZE ROAD, NORTH OF DRIVE ENTRANCE TO NORTHEAST CORNER OF GOVERNMENT LOT 4, SEC 5-27-1W. ELEV.=1352.57 (NAVD88)
- BM #202 - CHISELED "X" ON NORTH RIM OF TELEPHONE MANHOLE AT PVC TELEPHONE MARKER POST, 35 FEET SOUTH OF POWER POLE #62115, ON EAST SIDE OF ASPHALT BIKE PATH ON EAST SIDE OF MAIZE ROAD, 4 POLES NORTH OF TARGET, 3 POLES SOUTH OF 29TH STREET NORTH ELEV.= 1350.53 (NAVD88)
- BM #203 - CHISELED SQUARE AT SOUTHEAST CORNER OF SOUTH HEADWALL FOR RBCB UNDER 29TH STREET, WEST OF MAIZE MAIZE ROAD (NOT THE CHISELED + AT THE SOUTHWEST CORNER OF SAME HEADWALL) ELEV.= 1353.32 (NAVD88)

BENCH MARK LIST

- BM #203A - CHISELED SQUARE ON TOP OF CURB INLET WEST SOUTHWEST OF 29H STREET AND MAIZE ROAD (DOES NOT INCLUDE ROUND PLASTIC DISK GLUED OVER PART OF SQUARE). ELEV.= 1351.98 (NAVD88)
- BM #204 - CHISELED SQUARE ON TOP OF RETAINING WALL AT SOUTHEAST CORNER OF CONCRETE PAD FOR ELECTRIC TRANSFORMER #10105 ON SOUTH SIDE OF 29TH STREET AND 800 FEET EAST OF BIKE PATH ON EAST SIDE OF MAIZE ROAD. ELEV.= 1352.01 (NAVD88)
- BM #205 - CHISELED SQUARE ON HIGH POINT OF EAST WINGWALL AT SOUTH END OF RBCB UNDER 29TH STREET, 600 FEET WEST OF NORTH 1/4 CORNER SECTION 5-27-1W, FOR POND GOING SOUTH. (NOT SHOWN) ELEV.= 1350.99 (NAVD88)
- BM #206 - CHISELED SQUARE ON NORTH EDGE OF CURVY SIDEWALK AT FIRE HYDRANT ON SOUTH SIDE OF 29TH STREET, 1/2 MILE EAST OF MAIZE ROAD, SOUTHEAST OF N 1/4 CORNER SEC 5-27-1W (NOT SHOWN) ELEV.= 1350.92 (NAVD88)

SECTION CORNER

- Pl. No. 501
NORTHEAST CORNER, SEC 6, T27S, R1W
N: 10,266.0020, E: 5,128.1290
3/4" IRON PIPE IN ASPHALT
54.30' SOUTHWEST TO 3 NAILS IN UNDERGROUND MARKER POST
64.27' SOUTHWEST TO 60# NAIL IN TELEPHONE POLE
48.65' NORTHEAST TO 3 NAILS IN HIGH LINE POLE
46.40' NORTHWEST TO 3 NAILS IN HIGH LINE POLE
- Pl. No. 500
EAST 1/4, NORTHEAST 1/4, SEC6, T27S, R1W
N: 8,950.4810, E: 5,095.8080
3/8" BAUGHMAN CAPPED REBAR IN ASPHALT
53.47' NORTHWEST TO 3 NAILS IN S.W.B. POLE
115.26' SOUTHWEST TO 3 NAILS IN S.W.B. POLE
83.59' SOUTHWEST TO 60# NAIL IN POWER POLE
36.30' W TO "+" CROSS ON TOP OF 12" C.M.P.
- Pl. No. 550 (NOT SHOWN)
EAST 1/4 CORNER, SEC6, T27S, R1W
N: 10,253.0550, E: 7,760.2070
3/4" IRON PIPE IN ASPHALT
47.98' SOUTHWEST TO "+" CROSS ON SOUTH FACE OF STEEL GATE POST
69.20' EAST TO "+" CROSS ON NORTH FACE OF STEEL GATE POST
45.70' NORTHEAST TO 3 NAILS IN FENCE POST
39.87' WEST SOUTHWEST TO 2 NAILS IN TELEPHONE POLE

GENERAL NOTES

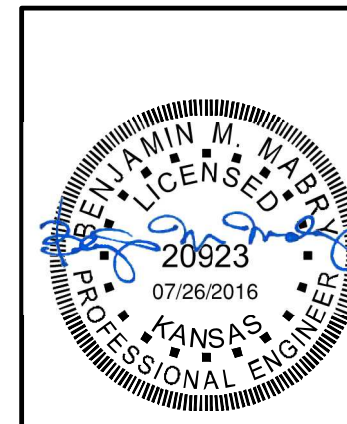
- CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION PROTECTION THROUGHOUT THE ENTIRE PROJECT. THE FOLLOWING QUANTITIES SHALL BE INCLUDED IN BID ITEMS FOR EACH RESPECTIVE PART. EROSION PROTECTION SHALL BE INCLUDED IN THE BID AS FOLLOWS:

PAVING AND DRAINAGE (472-85234)	133 L.F.
BACK OF CURB PROTECTION	
- THE EROSION CONTROL DEVICES SHOWN ON THIS SHEET ARE CONSIDERED MINIMUM STANDARDS. WHENEVER SEDIMENT ENTERS THE STREETS, STORM SEWERS, DITCHES, OR PONDS, CONTRACTOR WILL INSTALL ADDITIONAL DEVICES, AS NEEDED, TO CORRECT THE PROBLEM.
- THE EROSION CONTROL DEVICES SHOWN HEREON MUST BE IN PLACE AT ALL TIMES DURING CONSTRUCTION UNTIL SUCH TIME AS THE SITE IS REESTABLISHED WITH PAVING OR GRASS. TEMPORARY OR PERMANENT SEEDING AND MULCH WILL BE INSTALLED WHEN EARTHWORK ACTIVITIES CEASE IN AN AREA FOR 14 DAYS OR MORE.
- ANY MUD INADVERTENTLY TRACKED ONTO ANY STREET SHALL BE CLEANED UP BY THE CONTRACTOR, AT THE END OF EACH DAY'S WORK, OR AS DIRECTED BY THE FIELD ENGINEER.
- CONTRACTOR TO FURNISH A TRUCK WASH-OUT PIT TO BE PLACED AT A CONVENIENT LOCATION THAT DOES NOT CONFLICT WITH CONSTRUCTION. CONTRACTOR SHALL CLEAN OUT AND BACKFILL PIT PRIOR TO FINAL INSPECTION. LOCATION SHALL BE APPROVED BY THE FIELD ENGINEER.

EARTHWORK

EXCAVATION 219 CU. YDS.
WASTE MATERIAL SHALL BE SPREAD ON PROJECT SITE, BLADED SMOOTH AND SLOPED TO DRAIN.
THE CONTRACTOR SHALL SATISFY THEMSELVES WITH THE EARTHWORK QUANTITIES AND NO CHANGE ORDER FOR EARTHWORK WILL BE APPROVED.

Scaled 07-26-2016 3:01:19 PM by BJS
 Plot Scale 1:1 07-26-2016 3:09:03 PM by BJS
 U:\Wichita-Civil\2015\15138\003\Drawings\15138-003-KEY MAP AND GENERAL NOTES



No.	Revision	By	Date
CADILLAC LAKE-PHASE 1-PART A 29TH STREET TURNING LANES KEY MAP AND GENERAL NOTES GARY JANZEN, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-85234 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com			
Designed by	BMM	Job No.	35-15138-003
Drawn by	BJS	Date	July 2016
			Sht. 02 of 17