

CITY OF MARLOW

PLAN OF PROPOSED SIDEWALK IMPROVEMENTS MAIN STREET BETWEEN 1ST STREET AND 4TH STREET

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CITY ADMINISTRATOR

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UTILITY COMPANIES

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WATER DEPT
580-658-5401
115 N. 2ND STREET
MARLOW, OK 73055

AT&T
580-581-5230
1702 W. GORE
LAWTON, OK 73501

CITY OF MARLOW
ELECTRIC DEPT
580-658-5401
115 N. 2ND STREET
MARLOW, OK 73055

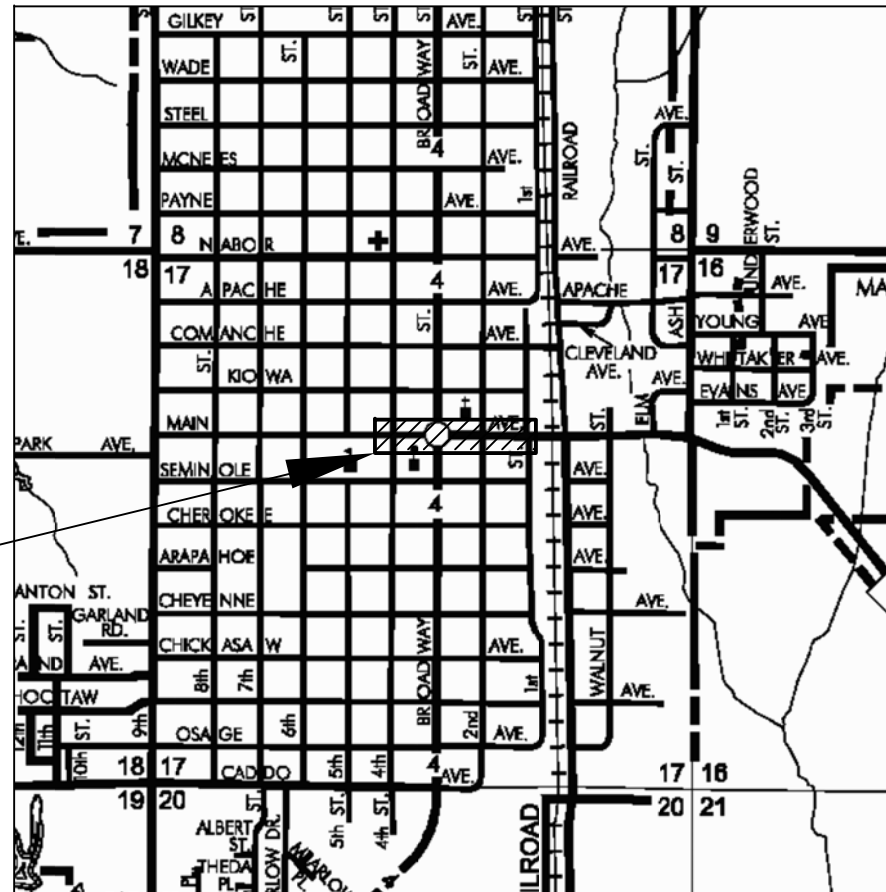
AEP-PSO
580-222-7636
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CENTERPOINT ENERGY
405-224-2740
619 W. CHICKASHA AVE.
CHICKASHA, OK 73018

PRIOR TO PERFORMING ANY GRADING OR EXCAVATING WORK, THE CONTRACTOR SHALL CALL OKIE811, THE OKLAHOMA ONE-CALL SYSTEM NOT LESS THAN 48 HOURS IN ADVANCE AND SHALL VERIFY OR ESTABLISH THE EXACT LOCATION AND DEPTH OF ALL UNDERGROUND LINES.



PROJECT
LOCATION



LOCATION MAP

THE ENTIRE PROJECT LIES WITHIN THE CORPORATE LIMITS OF THE CITY OF MARLOW.

CITY OF MARLOW STANDARDS AND SPECIFICATIONS AND 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AS SPECIFIED IN THE BID PROPOSAL AND OTHER CONTRACT DOCUMENTS SHALL GOVERN THE WORK.

INDEX OF SHEETS

SHEET NUMBER	SHEET TITLE
1	TITLE SHEET
2	PAY QUANTITIES AND NOTES
3	TYPICAL SECTIONS AND DETAILS
4	SITE MAP
5	CONSTRUCTION SEQUENCE

REQUIRED STANDARD DRAWINGS:

ROADWAY	TRAFFIC
CSCD-5-3	TCS1-1-01
LECS-4-1	TCS2-1-00
	TCS6-1-02
	TCS7-1-02

DATE

APPROVED BY CITY OF MARLOW



DATE

RANDALL SCOTT VAUGHN, OKLA. REG. NO. 15194

PREPARED BY:



CHISHOLM TRAIL CONSULTING, LLC
CA 7771
2124 SCOTT LANE
DUNCAN, OK 73533
580-467-8130

GENERAL CONSTRUCTION NOTES

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2009 OKLAHOMA STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION AND CITY OF MARLOW STANDARD SPECIFICATIONS AND CONSTRUCTION DRAWINGS.

ALL COSTS OF MAINTENANCE DURING CONSTRUCTION AND BEFORE THE PROJECT IS ACCEPTED SHALL BE INCLUDED IN THE UNIT PRICES BID ON THE VARIOUS PAY ITEMS. THE CONTRACTOR SHALL MAINTAIN THE WORK DURING CONSTRUCTION AND UNTIL THE PROJECT IS ACCEPTED. THIS MAINTENANCE SHALL CONSTITUTE CONTINUOUS AND EFFECTIVE WORK PROSECUTED DAY BY DAY, WITH ADEQUATE EQUIPMENT AND FORCES TO THE END THAT EXISTING PAVEMENTS, SIDEWALKS AND STRUCTURES ARE KEPT IN SATISFACTORY CONDITION AT ALL TIMES. IF THE CONTRACTOR, AT ANY TIME, FAILS TO COMPLY WITH THESE PROVISIONS, THE OWNER'S REPRESENTATIVE MAY IMMEDIATELY NOTIFY THE CONTRACTOR OF SUCH NON-COMPLIANCE. IF THE CONTRACTOR FAILS TO REMEDY UNSATISFACTORY MAINTENANCE WITHIN 24 HOURS AFTER RECEIPT OF SUCH NOTICE, THE OWNER MAY IMMEDIATELY PROCEED TO MAINTAIN THE PROJECT, AND THE ENTIRE COST OF THIS MAINTENANCE WILL BE DEDUCTED FROM MONIES THAT ARE DUE OR BECOME DUE TO THE CONTRACTOR ON THIS CONTRACT.

THE CONTRACTOR SHALL NOTIFY THE CITY OF MARLOW IN WRITING A MINIMUM OF TWO WEEKS AND NO MORE THAN 30 DAYS PRIOR TO STARTING WORK.

ALL EXISTING ROADS SHALL REMAIN OPEN TO ALL TRAFFIC AT ALL TIMES. PARKING AREAS ONLY MAY BE TEMPORARILY CLOSED DURING CONSTRUCTION, AS OUTLINED HEREIN.

THE CONTRACTOR SHALL NOTIFY THE CITY OF MARLOW IN WRITING A MINIMUM OF FIVE (5) DAYS AND A MAXIMUM OF TEN (10) DAYS PRIOR TO THE CLOSING OF ANY PARKING AREA.

CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL RESIDENTS, OCCUPANTS OR BUSINESSES THAT MAY BE AFFECTED BY THE WORK. SAID WRITTEN NOTICE SHALL BE DELIVERED NO LESS THAN 48 HOURS, NOR MORE THAN 2 WEEKS PRIOR TO THE START TIME OF ANY DISRUPTION. THE WRITTEN FORM MAY BE "DOOR HANGERS", BUT IN ANY EVENT SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER PRIOR TO USE. AT A MINIMUM THE FORM SHALL CONTAIN: PROJECT IDENTIFICATION, CONTRACTOR NAME, CONTRACTOR ADDRESS, CONTRACTOR TELEPHONE NUMBER, TYPE OF CONSTRUCTION, REASON FOR AFFECTING OR DISRUPTING SERVICE AND DURATION OF SUCH.

REVISIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO BEGINNING ANY CONSTRUCTION SUBJECT TO THE REVISION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING, INSTALLING AND MAINTAINING ALL TRAFFIC CONTROL DEVICES. CONSTRUCTION TRAFFIC CONTROL SHALL BE DONE ACCORDING TO THE STANDARDS SET FORTH IN THE CURRENT EDITION OF THE "MUTCD", "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE ADEQUATE DRAINAGE DURING CONSTRUCTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

ANY DAMAGE CAUSED BY THE CONTRACTOR TO ANY STRUCTURES, ROADWAY SURFACES, STRIPING, RAISED PAVEMENT MARKERS, SIGNS, GUARDRAIL, AND/OR SLOPES SHALL BE REPAIRED AT CONTRACTORS EXPENSE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

THE PROJECT SHALL BE CONSTRUCTED TO MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES.

GENERAL CONSTRUCTION NOTES (CONT.)

BIDDERS SHALL FULLY INFORM THEMSELVES OF THE NATURE OF THE WORK AND CONDITIONS UNDER WHICH IT WILL BE PERFORMED. THE CONTRACTOR SHALL ADOPT METHODS CONSISTENT WITH GOOD CONSTRUCTION PRACTICE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT DAMAGE IN EXISTING RIGHT-OF-WAY. ANY DAMAGE DONE DUE TO CONTRACTOR'S NEGLIGENCE SHALL BE PREPARED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

THE PRICE BID ON ALL ITEMS SHALL INCLUDE ALL MATERIALS, LABOR, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SHOWN ON THE PLANS.

EXISTING UTILITIES MAY OR MAY NOT BE SHOWN ON PLAN SHEETS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INFLICTED TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF THEIR DIGGING, TRENCHING, BORING, ETC..... PRIOR TO DIGGING NEAR THE UTILITIES, THE CONTRACTOR SHALL CALL THE "OKIE 811" NOTIFICATION CENTER FOR A LIST OF ALL UNDERGROUND FACILITIES REGISTERED IN THE AREA OF CONSTRUCTION. THE "OKIE 811" NOTIFICATION CENTER MAY BE NOTIFIED ONLINE AT okie811.org, BY CALLING 811 OR 1-800-522-6543. DEPTH OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

CONCRETE MIXTURES CONTAINING FLY ASH, SLAG OR SILICA FUME WILL NOT BE ACCEPTED.

THE CITY OF MARLOW WILL COORDINATE ANY NECESSARY UTILITY RELOCATIONS.

ALL WORK SHALL BE CONDUCTED WITHIN EXISTING EASEMENTS AND RIGHTS-OF-WAY. NO ADDITIONAL EASEMENTS OR RIGHTS-OF-WAY WILL BE ACQUIRED FOR THIS PROJECT.

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	EST QTY
202(A)	UNCLASSIFIED EXCAVATION	CY	19.00
303(A)	AGGREGATE BASE	CY	10.00
310(B)	SUBGRADE METHOD B	SY	83.00
610(A)	4" CONCRETE SIDEWALK (1)	SY	83.00
619(A)	DEMOLITION/REMOVALS (2)	LSUM	1.00
880(J)	CONSTR TRAFFIC CONTROL (3)	LSUM	1.00

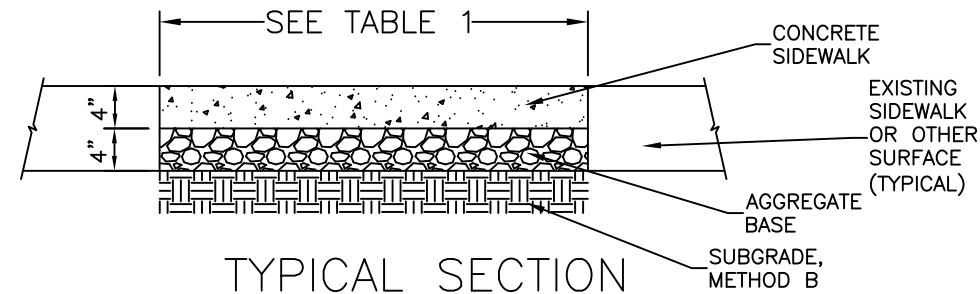
PAY ITEM NOTES:

(1) THE UNIT PRICE BID FOR 4" CONCRETE SIDEWALK SHALL INCLUDE THE COST OF INSTALLING 1/2" THICK PREFORMED FIBROUS EXPANSION JOINT MATERIAL BETWEEN NEW SIDEWALK AND THE EXISTING PAVEMENTS, STRUCTURES OR OTHER SURFACES TO REMAIN.

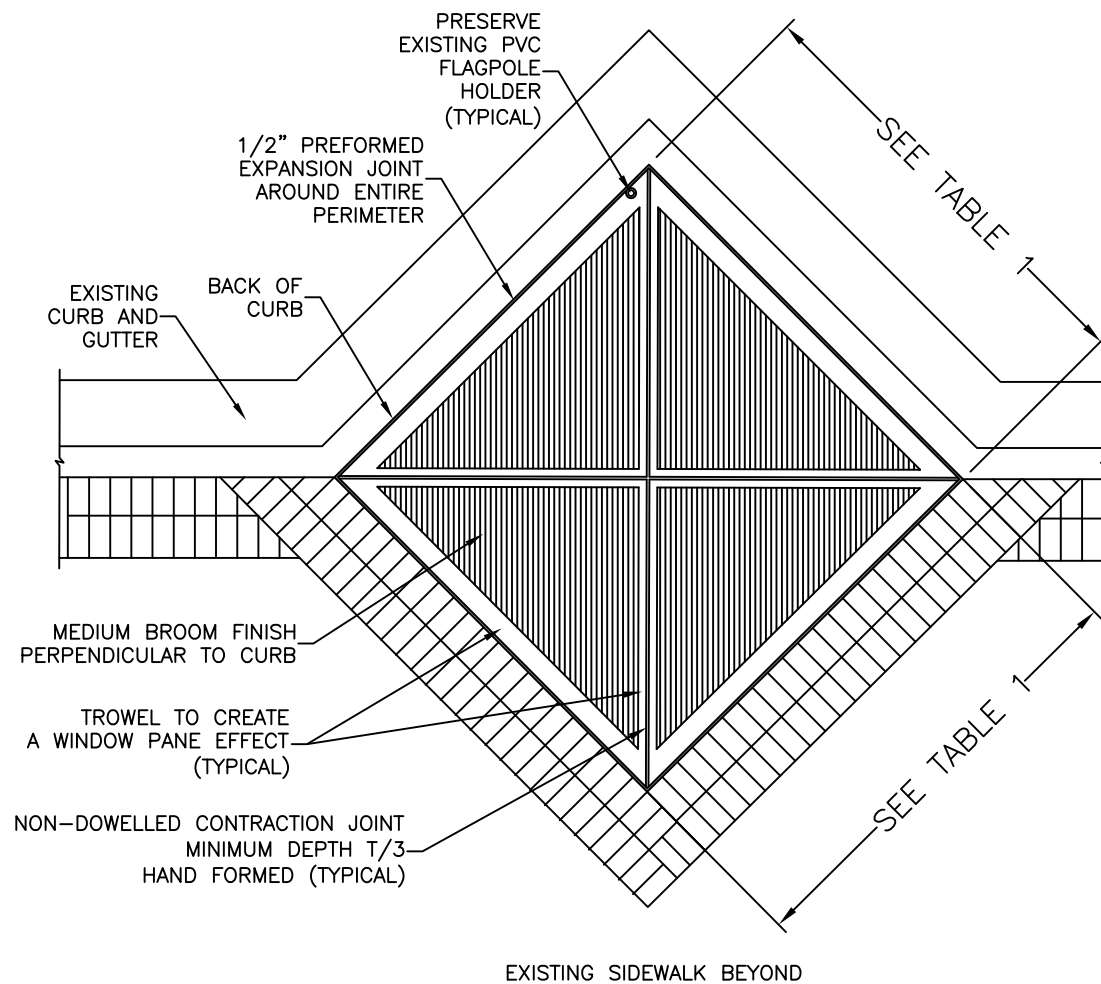
ALL CONCRETE USED IN CONSTRUCTION OF SIDEWALK SHALL CONTAIN FIBERMESH 300 SYNTHETIC FIBER MICRO-REINFORCEMENT, OR APPROVED EQUIVALENT. APPLICATION RATE OF FIBERMESH 300 SHALL BE AT THE RATE OF 1.5 POUNDS PER CUBIC YARD, OR AS OTHERWISE SPECIFIED BY THE MANUFACTURER.

(2) THE UNIT PRICE BID FOR DEMOLITION/REMOVALS SHALL INCLUDE THE COST OF ALL LABOR, MATERIALS AND EQUIPMENT TO DEMOLISH AND REMOVE THE EXISTING PAVEMENT, TIMBERS, ABANDONED MANHOLES, RETAINING WALLS, FOOTINGS, FENCES, TREES, SHRUBS AND OTHER OBSTRUCTIONS WITHIN THE PROJECT LIMITS, SHOWN OR NOT SHOWN ON THE DRAWINGS. COST OF SAWING TO BE INCLUDED IN THIS ITEM OF WORK. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL MATERIALS REMOVED FROM THE PROJECT.

(3) THE UNIT PRICE BID FOR CONSTRUCTION TRAFFIC CONTROL SHALL INCLUDE THE COST OF ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSTALL, MAINTAIN AND REMOVE UPON COMPLETION THE NECESSARY TRAFFIC CONTROL DEVICES TO CLOSE THE PARKING AREAS SHOWN ON THE PLANS IN ACCORDANCE WITH ODOT STANDARDS AND SPECIFICATIONS, WHETHER LISTED IN THE DRAWINGS OR NOT.



TYPICAL SECTION
(NOT TO SCALE)



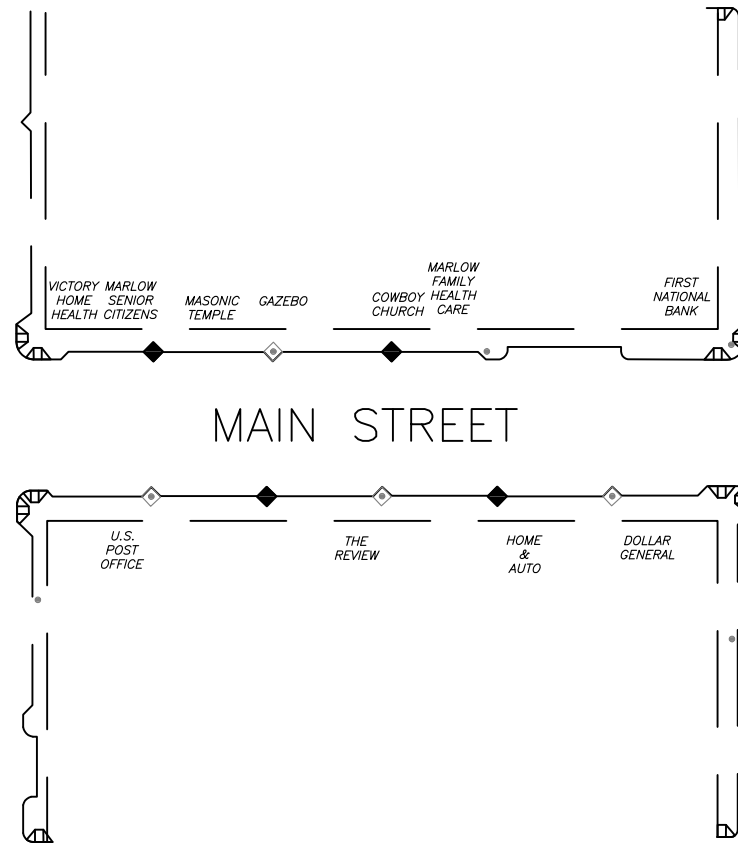
PLAN VIEW DETAIL
(NOT TO SCALE)

TABLE 1		
PANEL DIMENSION SCHEDULE		
LOCATION	APPROX WIDTH	APPROX LENGTH
1	7'-4"	7'-4"
2	7'-2"	7'-4"
3	7'-2"	7'-0"
4	7'-3"	7'-2"
5	7'-2"	7'-2"
6	7'-4"	7'-2"
7	7'-6"	7'-6"
8	7'-4"	7'-4"
9	7'-3"	7'-4"
10	7'-6"	7'-2"
11	7'-4"	7'-4"
12	7'-3"	7'-4"
13	7'-4"	7'-3"
14	7'-5"	7'-4"

NOTES

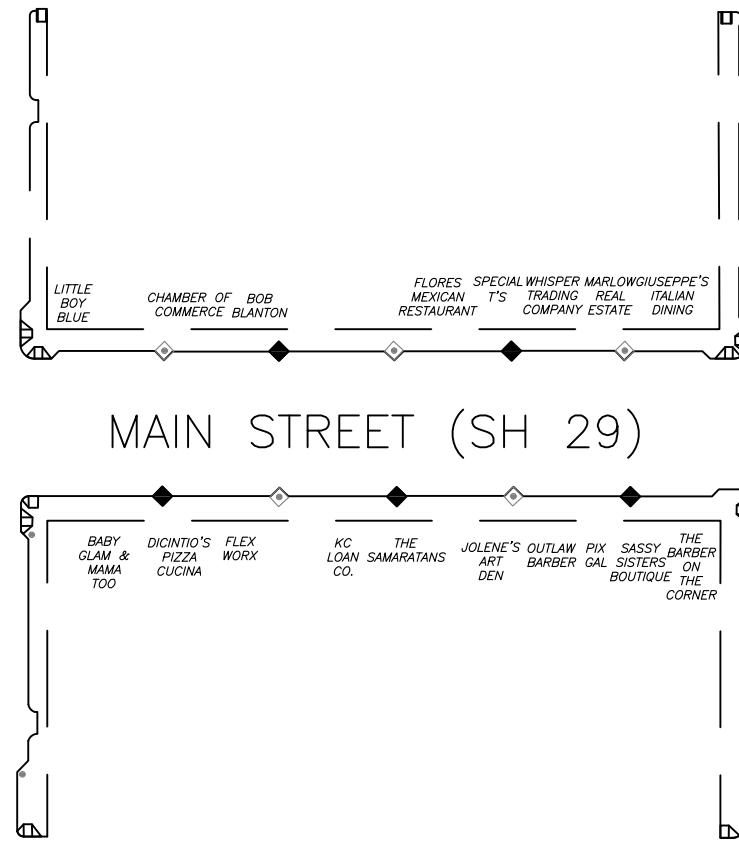
- REFER TO ODOT STANDARDS FOR JOINT DETAILS.
- THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF ALL DIMENSIONS AND MEASUREMENTS AND SHALL CONFIRM THE ACCURACY AND LOCATION OF THE PROJECT BOUNDARY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES DISCOVERED PRIOR TO CONSTRUCTION.
- ALL SIDEWALKS SHALL HAVE A CROSS SLOPE NO GREATER THAN 2.0%.
- ALL SIDEWALK FINISH SHALL BE MEDIUM BROOM FINISH.
- USE TROWEL OR EDGING TOOL AROUND PERIMETER OF PANEL TO CREATE WINDOW PANE EFFECT.
- THE APPEARANCE OF THE NEW SIDEWALK PANELS SHALL MATCH THAT OF EXISTING PANELS AS MUCH AS IS PRACTICAL.

4TH STREET

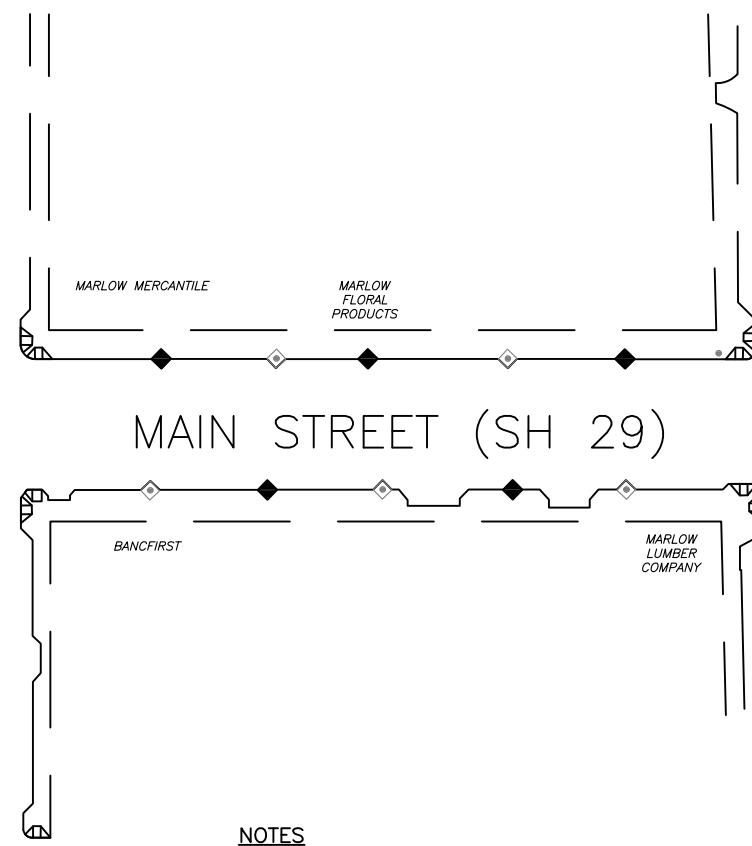


(US 81)

BROADWAY



2ND STREET



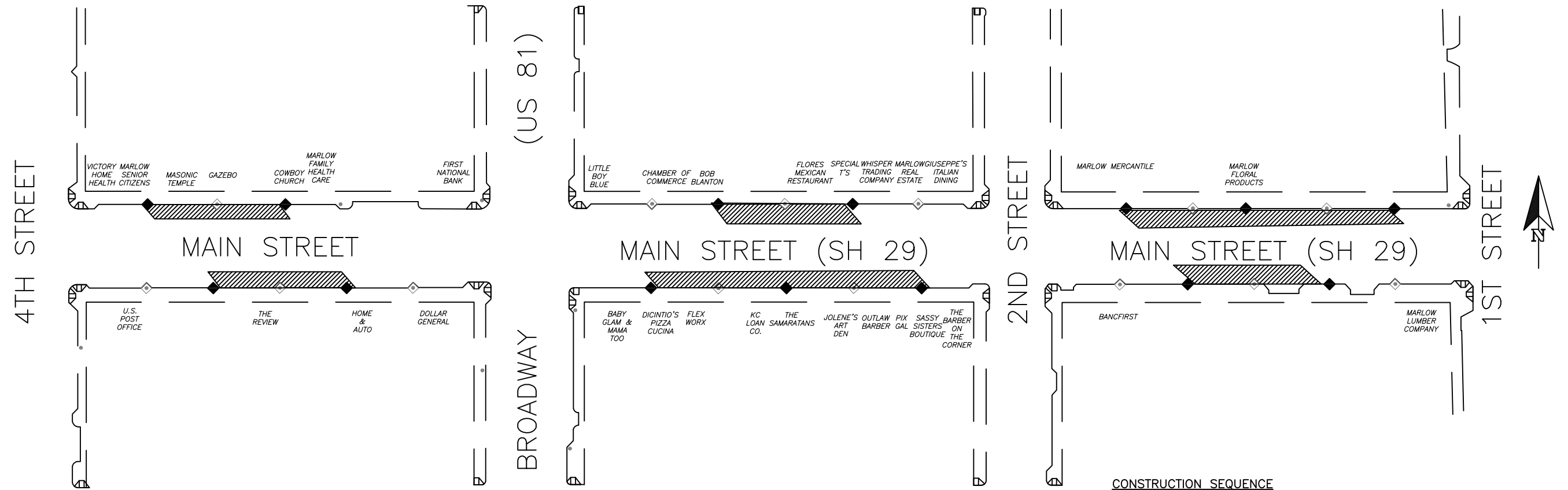
1ST STREET



◆ PROPOSED SIDEWALK PANEL LOCATION

NOTES

1. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF ALL DIMENSIONS AND MEASUREMENTS AND SHALL CONFIRM THE ACCURACY AND LOCATION OF THE PROJECT BOUNDARY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES DISCOVERED PRIOR TO CONSTRUCTION.
2. ALL SIDEWALKS SHALL HAVE A CROSS SLOPE NO GREATER THAN 2.0%.
3. ALL SIDEWALK FINISH SHALL BE MEDIUM BROOM FINISH.



- ◆ PROPOSED SIDEWALK PANEL LOCATION
-  PERMITTED PARKING SPACE CLOSURE LOCATION

1. ALL EXISTING ROADS AND DRIVING LANES SHALL REMAIN OPEN TO ALL TRAFFIC AT ALL TIMES.
 - 1.1. EXISTING PARKING SPACES ONLY AS SHOWN MAY BE CLOSED TO TRAFFIC.
2. ONSITE OPERATIONS SHALL BE PERMITTED ON SUNDAY THROUGH WEDNESDAY ONLY, AND AS FURTHER DEFINED HEREIN.
 - 2.1. PLACEMENT OF CONCRETE ON SUNDAYS WILL NOT BE PERMITTED.
 - 2.2. AT THE END OF EACH WORK PERIOD, ALL EQUIPMENT AND MATERIALS NOT PLACED IN THE FINAL POSITION SHALL BE REMOVED FROM THE SITE AND ALL WORK AREAS CLEANED IN A MANNER APPROVED BY THE OWNER.
3. COMPLETE ALL WORK BETWEEN BROADWAY AND 4TH STREET.
4. COMPLETE ALL WORK BETWEEN BROADWAY AND 2ND STREET.
 - 4.1. WORK IN THIS EXTENT SHALL BE PERFORMED ON SUNDAY AND MONDAY ONLY.
5. COMPLETE ALL WORK BETWEEN 1ST STREET AND 2ND STREET.
 - 5.1. NO WORK ON THE SOUTH SIDE IN THIS EXTENT SHALL BE PERFORMED ON MONDAY.
6. THE OWNER MAY APPROVE REVISIONS TO THIS SEQUENCE SUBMITTED IN WRITING BY THE CONTRACTOR A MINIMUM OF TWO BUSINESS DAYS IN ADVANCE OF PUTTING THE PROPOSED REVISION(S) INTO EFFECT.