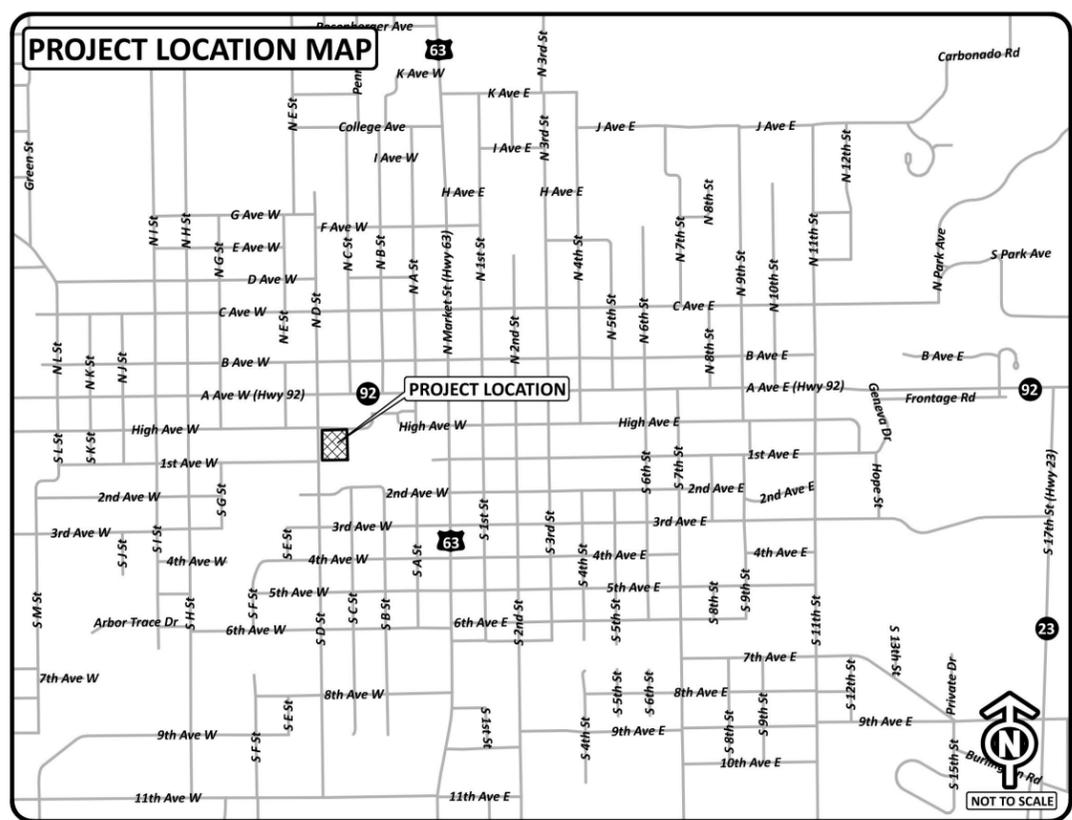


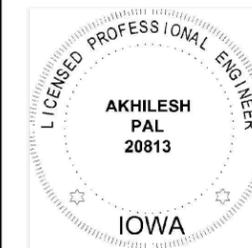
PRELIMINARY



# WEST MALL (HY-VEE) PARKING LOT REHABILITATION PROJECT OSKALOOSA, IOWA 2016



SHEET INDEX	
SHEET NO.	DESCRIPTION
A.1	TITLE SHEET
A.2	TRAFFIC CONTROL PLANS
A.3	GENERAL NOTES & QUANTITY TABULATION
B.1-2	ASPHALT OVERLAY PLANS
5	TOTAL SHEETS



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Akhilesh Pal, P.E. \_\_\_\_\_ Date \_\_\_\_\_

License Number: 20813  
My license renewal date is: December 31, 2017

Pages or sheets covered by this seal:

ALL SHEETS

UTILITY CONTACT INFORMATION		
UTILITY	ORGANIZATION & REPRESENTATIVE	PHONE
WATER, STORM AND SANITARY SEWER	CITY OF OSKALOOSA, CHAD COON	641-660-5555
PUBLIC WORKS	CITY OF OSKALOOSA, AKHILESH PAL & NATE WILLEY	641-673-7472
NATURAL GAS	MID-AMERICAN ENERGY, JEFF FERGUSON	641-660-3068
ELECTRIC	MID-AMERICAN ENERGY, JASON SANDIFER	641-660-7217
COMMUNICATIONS	MCG, ANDY PADGETT	641-295-7068
TELEVISION	MEDIACOM, TIM EAGEN	319-350-3679
PHONE	CENTURY LINK, DUSTIN WITHERS	515-263-7202



SHEET TITLE: TITLE SHEET	
NO.	REVISION/ISSUE
	DATE

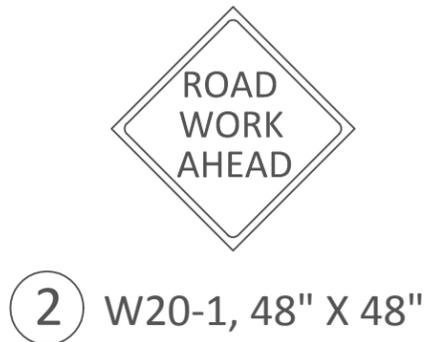
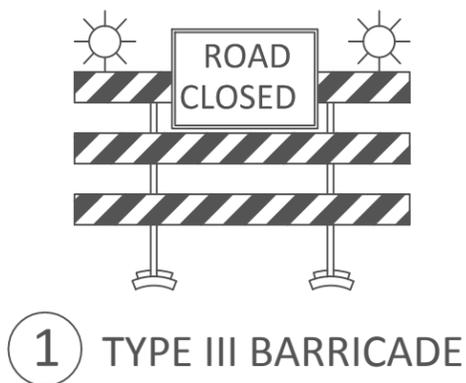
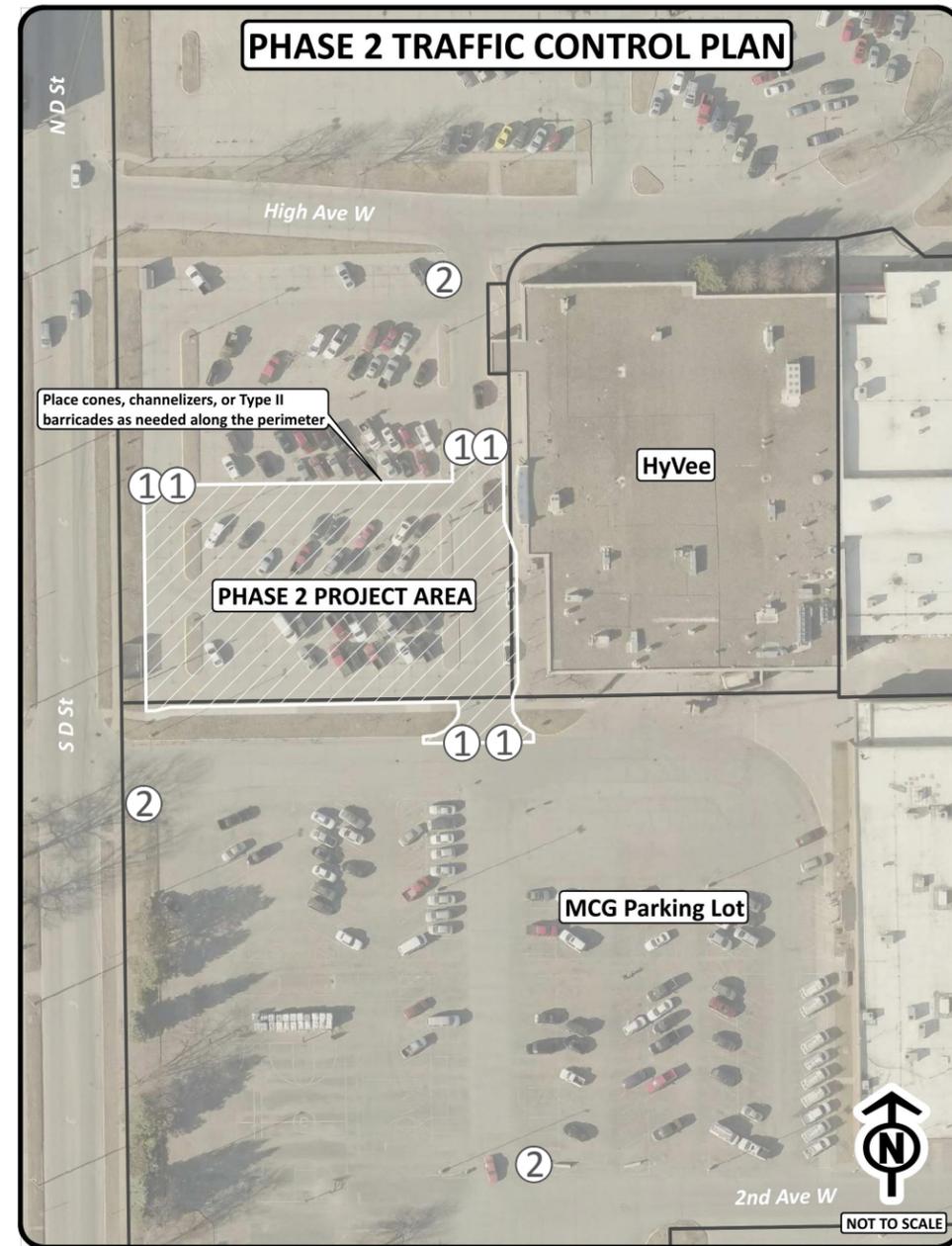
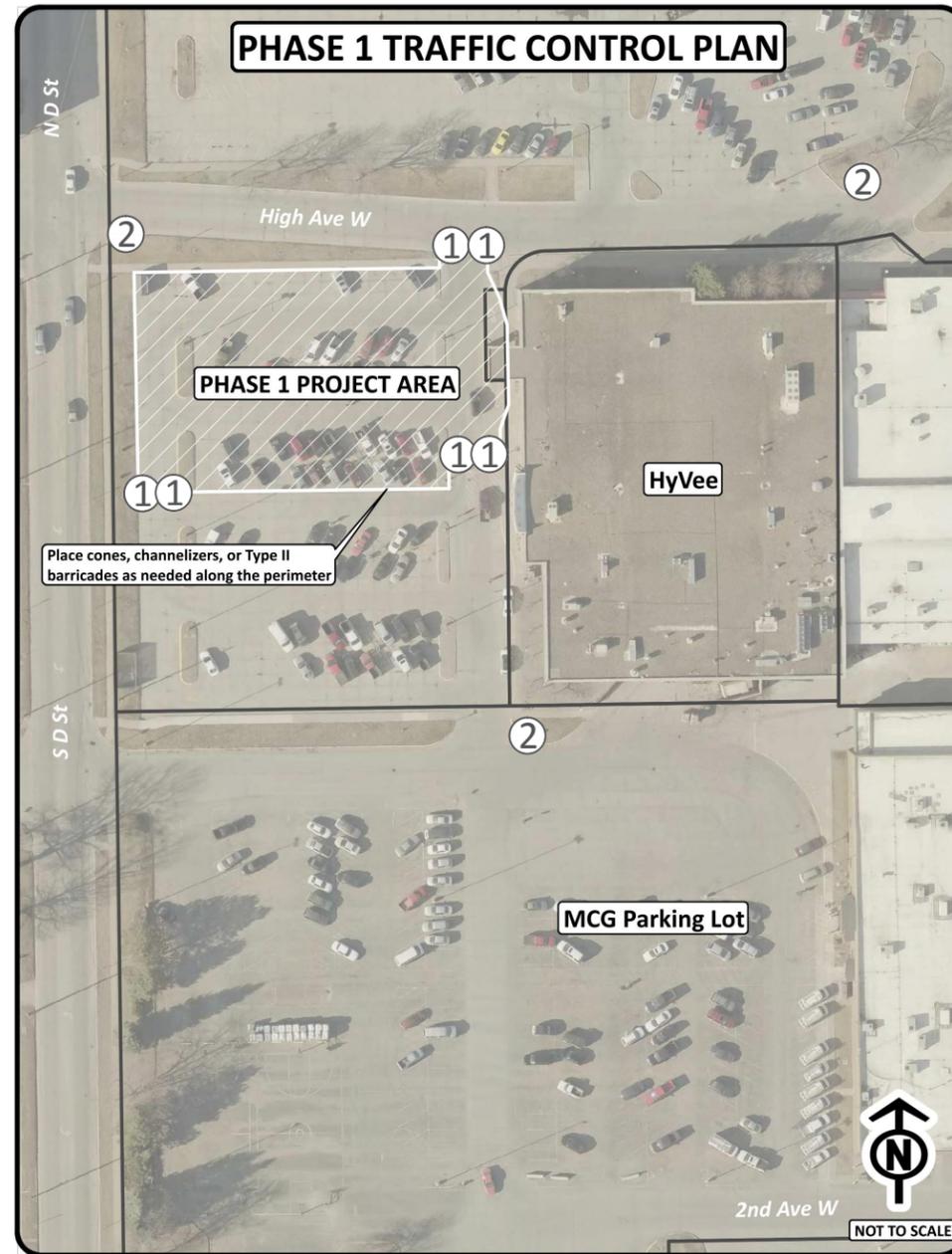
PROJECT NAME:  
WEST MALL (HY-VEE) PARKING LOT  
REHABILITATION PROJECT

DRAWN BY: NW	APPROVED BY: AP
DATE: MAY 27, 2016	PROJECT NO. 2010-94

SHEET NO.  
**A.1**

# TRAFFIC CONTROL PLAN NOTES

- TRAFFIC CONTROL AND SIGNING ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL SIGNS SHALL USE REFLECTIVE HIGH INTENSITY SHEETING OR BETTER.
- WHERE POSSIBLE ALL POST MOUNTED SIGNS SHALL BE PLACED A MINIMUM OF TWO FEET CLEAR OF THE BACK OF CURB OR TRAVEL LANE.
- PERMANENT SIGNS CONVEYING A MESSAGE CONTRARY OR CONTRADICTORY TO THE MESSAGE OF TEMPORARY SIGNS AND/OR NOT APPLICABLE TO WORKING CONDITIONS SHALL BE COVERED BY THE CONTRACTOR WHEN DIRECTED BY THE ENGINEER.
- ALL TRAFFIC CONTROL DEVICES, INCLUDING WOODEN POSTS SHALL BE FURNISHED, MAINTAINED, AND REMOVED BY THE CONTRACTOR.
- THE LOCATION FOR STORAGE OF CONTRACTOR MATERIALS OR EQUIPMENT DURING NON-WORKING HOURS SHALL BE APPROVED BY THE ENGINEER IN CHARGE OF CONSTRUCTION.
- PROPOSED SIGN SPACING MAY BE MODIFIED WITH THE ENGINEER'S APPROVAL TO MEET EXISTING FIELD RESTRICTIONS OR TO PREVENT OBSTRUCTION OF MOTORISTS VIEW OF PERMANENT SIGNING.
- PROPOSED CHANGES IN THE TRAFFIC CONTROL PLAN SHALL BE REVIEWED WITH THE ENGINEER BEFORE THE CHANGES ARE MADE.
- THE BID ITEM "TRAFFIC CONTROL" SHALL INCLUDE THE COST FOR ALL TRAFFIC CONTROL MEASURES REQUIRED OF THE CONTRACTOR.
- ALL CONTRACTOR-FURNISHED BARRICADES, VERTICAL PANELS, AND FIXED POST MOUNTED TRAFFIC CONTROL SIGNS SHALL BE REFLECTORIZED WITH ENCAPSULATED LENS SHEETING MEETING STANDARD SPECIFICATIONS.
- ARTICLE 2528.12 OF THE I.D.O.T. STANDARD SPECIFICATIONS REQUIRES MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES, INCLUDING MAINTENANCE OF THE DEVICES DURING NON-WORKING HOURS IN ORDER TO ASSURE PROPER OPERATION.
- WHEN USED FOR TRAFFIC CONTROL OR PROTECTION OF THE WORK SITE, SAFETY FENCE MUST BE FIRMLY SUPPORTED IN A VERTICAL POSITION. RELATED COSTS WILL BE INCLUDED IN THE TRAFFIC CONTROL BID ITEM.
- ALL EXISTING SIGNS ARE NOT TO BE DISTURBED UNTIL NECESSARY. IF ANY SIGN IS REMOVED, THE CONTRACTOR IS RESPONSIBLE FOR REINSTALLATION.
- TYPE "A" FLASHING WARNING LIGHTS ARE REQUIRED AND SHALL BE VISIBLE TO BOTH DIRECTIONS OF TRAFFIC. THE BACKSIDE OF THE TYPE III BARRICADES SHALL BE FULLY REFLECTORIZED UNLESS THERE IS NO ACCESS PERMITTED BEYOND THE BARRICADE. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARDS THE TRAFFIC SIDE.
- A MINIMUM OF 2 TYPE III BARRICADES ARE NECESSARY TO CLOSE AN ENTIRE STREET OR PARKING LOT ENTRANCE.
- TRAFFIC CONTROL WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE.
- THE CITY ENGINEER RESERVES THE RIGHT TO CHANGE THE TRAFFIC CONTROL PLAN WHEN REQUIRED.



**City of Oskaloosa**  
IOWA

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804 SOUTH D STREET  
OSKALOOSA, IA 52577  
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FAX: (641)673-3733

SHEET TITLE:  
**PHASE 1 & PHASE 2 TRAFFIC CONTROL PLANS**

NO.	REVISION/ISSUE	DATE
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PROJECT NAME:  
**WEST MALL (HY-VEE) PARKING LOT REHABILITATION PROJECT**

DRAWN BY:	NW
APPROVED BY:	AP
DATE:	MAY 27, 2016
PROJECT NO.:	2010-94

SHEET NO.  
**A.2**

**GENERAL NOTES:**

1. THIS PROJECT INCLUDES ALL WORK AND MATERIALS ASSOCIATED WITH THE MILLING AND HMA OVERLAY OF AN EXISTING PARKING LOT, TRAFFIC CONTROL, AND MISCELLANEOUS ASSOCIATED WORK INCLUDING CLEAN UP.
2. ALL CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE CITY OF OSKALOOSA DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS AND THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) STANDARD SPECIFICATIONS 2016 EDITION PLUS CURRENT SUPPLEMENTAL SPECIFICATIONS AND DETAILED SPECIFICATION REQUIREMENTS. SUDAS SPECIFICATION MANUALS CAN BE ORDERED ONLINE ([WWW.IOWASUDAS.ORG/MANUALS/ORDER-FORMS/](http://WWW.IOWASUDAS.ORG/MANUALS/ORDER-FORMS/)). SPECIFICATIONS CAN ALSO BE VIEWED ON THE SUDAS WEBSITE ([WWW.IOWASUDAS.ORG](http://WWW.IOWASUDAS.ORG)). CONTRACTOR SHALL HAVE A MINIMUM OF ONE SET OF PLANS AND SPECIFICATIONS ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
3. NOTIFY AKHILESH PAL, DIRECTOR OF PUBLIC WORKS, CITY OF OSKALOOSA, AT 641-673-7472 TWO WEEKS PRIOR TO COMMENCING WORK. THROUGHOUT THE PROJECT, MAKE EVERY EFFORT TO COORDINATE WORK AND COOPERATE WITH ALL CITY PERSONNEL AND ENGINEERS.
4. CONTRACTOR SHOULD MAKE EVERY EFFORT TO ALLOW ACCESS DURING CONSTRUCTION AND SHALL NOTIFY PROPERTY OWNERS 48 HOURS IN ADVANCE IF ACCESS TO PROPERTIES WILL BE INTERRUPTED. ACCESS TO PRIVATE PROPERTY SHALL BE MAINTAINED AT ALL TIMES FOR EMERGENCY VEHICLES.
5. CONTRACTOR SHALL FOLLOW THE TRAFFIC CONTROL AND PHASING PLANS AS SHOWN ON PLAN SHEET B.2. THE CITY ENGINEER RESERVES THE RIGHT TO MODIFY THE TRAFFIC CONTROL AND PHASING PLANS AS NEEDED. BARRICADES AND SIGNAGE SHALL BE FURNISHED BY THE CONTRACTOR AND INSTALLED PER THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). TRAFFIC CONTROL SHALL ALSO BE IN ACCORDANCE WITH THE PLAN SPECIFICATIONS, IOWA DOT STANDARD SPECIFICATION SECTION 2528, AND APPLICABLE IOWA DOT STANDARD ROAD PLANS. CONTRACTOR SHALL MAINTAIN, CLEAN AS NECESSARY, AND REPLACE DAMAGED TRAFFIC CONTROL DEVICES THROUGHOUT THE DURATION OF CONSTRUCTION.
6. TRAFFIC CONTROL WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE AND SHALL BE FULL COMPENSATION FOR PROVIDING, MAINTAINING, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES. NO SEPARATE PAYMENT WILL BE MADE FOR FLAGGERS AND PILOT CARS IF REQUIRED BY THE CONTRACT DOCUMENTS; INCLUDE IN LUMP SUM PRICE FOR TRAFFIC CONTROL.
7. CONTRACTOR SHALL PROVIDE QUALITY CONTROL IN ACCORDANCE WITH SECTION 7020 3.05B AND PERFORM ALL TESTING, INCLUDING OBTAINING SAMPLES. REQUIRED TESTS INCLUDE DENSITY (7020 3.04B) AND THICKNESS (7020 3.04C). PAVEMENT SMOOTHNESS (7020 3.05B PROFILOGRAPH) NOT REQUIRED.
8. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND NOTIFYING ALL UTILITY COMPANIES IN SERVICE DURING CONSTRUCTION. ALL FIXTURES SHALL BE ADJUSTED TO CONFORM TO THE FINISHED SURFACE OF THE STREET. IF CONFLICTS OCCUR, ADDITIONAL WORK WILL BE ACCOMMODATED AS EXTRA WORK.
9. PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION UNLESS OTHERWISE SHOWN ON PLANS. ANY UTILITIES DAMAGED DUE TO CONTRACTOR'S NEGLIGENCE WILL BE REPAIRED AT THEIR EXPENSE.
10. CONTRACTOR SHALL PRESERVE ALL MONUMENTS, STAKES, PROPERTY PINS, REFERENCE POINTS, AND BENCHMARKS. IN CASE OF DESTRUCTION BY CONTRACTOR'S NEGLIGENCE OR CARELESSNESS, THEY WILL BE CHARGED WITH THE RESULTING EXPENSE OF REPLACEMENT AND RESPONSIBILITY FOR ANY MISTAKES OR LOSS OF TIME CAUSED THEREBY.
11. CONTRACTOR SHALL PROVIDE HIS OWN WASTE AREA FOR WASTE MATERIAL REMOVED FROM THE PROJECT SITE. NO MATERIAL OR EQUIPMENT SHALL BE PLACED WITHIN THE RIGHT-OF-WAY OR OTHER GRASS AREAS, UNLESS APPROVED BY THE CITY ENGINEER.
12. CONTRACTOR SHALL PREVENT THE ENTRY OF MUD, DIRT, DEBRIS, AND OTHER MATERIAL INTO EXISTING SEWERS. SHOULD MUD, DIRT, DEBRIS, OR OTHER MATERIAL ENTER THE SEWERS, THE CONTRACTOR SHALL CLEAN AT NO COST TO THE OWNER.
13. THE JURISDICTION RESERVES THE RIGHT TO MAKE ALTERATIONS IN THE PLANS OR IN THE QUANTITIES OF THE WORK AS MAY BE CONSIDERED NECESSARY. SUCH ALTERATIONS SHALL BE IN COMPLIANCE WITH SUDAS SECTION 1040 1.06 AND SHALL NOT BE CONSIDERED AS A WAIVER OF ANY CONDITIONS OF THE CONTRACT DOCUMENTS OR TO INVALIDATE ANY OF THE PROVISIONS THEREOF.
14. ALL TRAFFIC SIGNAGE INTERFERING WITH CONSTRUCTION SHALL BE REMOVED AND REPLACED OR REINSTALLED AS DIRECTED BY THE ENGINEER.

ESTIMATED PROJECT QUANTITIES					
WEST MALL (HY-VEE) PARKING LOT REHABILITATION PROJECT					
NO.	BID ITEM NO.	BID ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	REMARKS
1	1090-105-D	Mobilization	LS	1	
2	6010-108-E	Manhole Adjustments	EA	2	See General Notes #8.
3	7020-108-A-0	HMA Interlayer Base (PG 64-34)	TON	350	1" Thick Base Course
4	7020-108-A-0	HMA Surface (PG 64-22)	TON	525	1.5" Thick Surface Course
5	7020-108-H-0	HMA Pavement Samples and Testing	LS	1	See General Notes #7.
6	7040-108-G-0	Pavement Milling	SY	250	Includes all necessary saw cuts.
7	7040-108-G-0	Plunge Milling, 3' Width	SY	1,500	To be utilized at the discretion of the City Engineer along pavement joints and cracks. All, part, or none of this bid quantity may be used. Includes furnishing and placement of hot mix asphalt.
8	XXX-XXXX-X-X	Traffic Control	LS	1	Follow MUTCD guidelines. Refer to notes on pages A.2 and A.3.
9	XXX-XXXX-X-X	Fabric Matting, 3' Width	LF	5,000	To be utilized at the discretion of the City Engineer over joints and cracks. All, part, or none of this bid quantity may be used.



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SHEET TITLE:  
GENERAL NOTES &  
QUANTITIES TABULATION

PROJECT NAME:  
WEST MALL (HY-VEE) PARKING LOT  
REHABILITATION PROJECT

DRAWN BY: NW  
APPROVED BY: AP  
DATE: MAY 27, 2016  
PROJECT NO. 2010-94

SHEET NO.  
**A.3**

DATE

REVISION/ISSUE

NO.

# B.1

SHEET NO.

2010-94

PROJECT NO.

DATE: MAY 27, 2016

APPROVED BY: AP

DRAWN BY: NW

PROJECT NAME: WEST MALL (HY-VEE) PARKING LOT REHABILITATION PROJECT

SHEET TITLE: WEST MALL (HY-VEE) PARKING LOT PHASE 1 PLAN

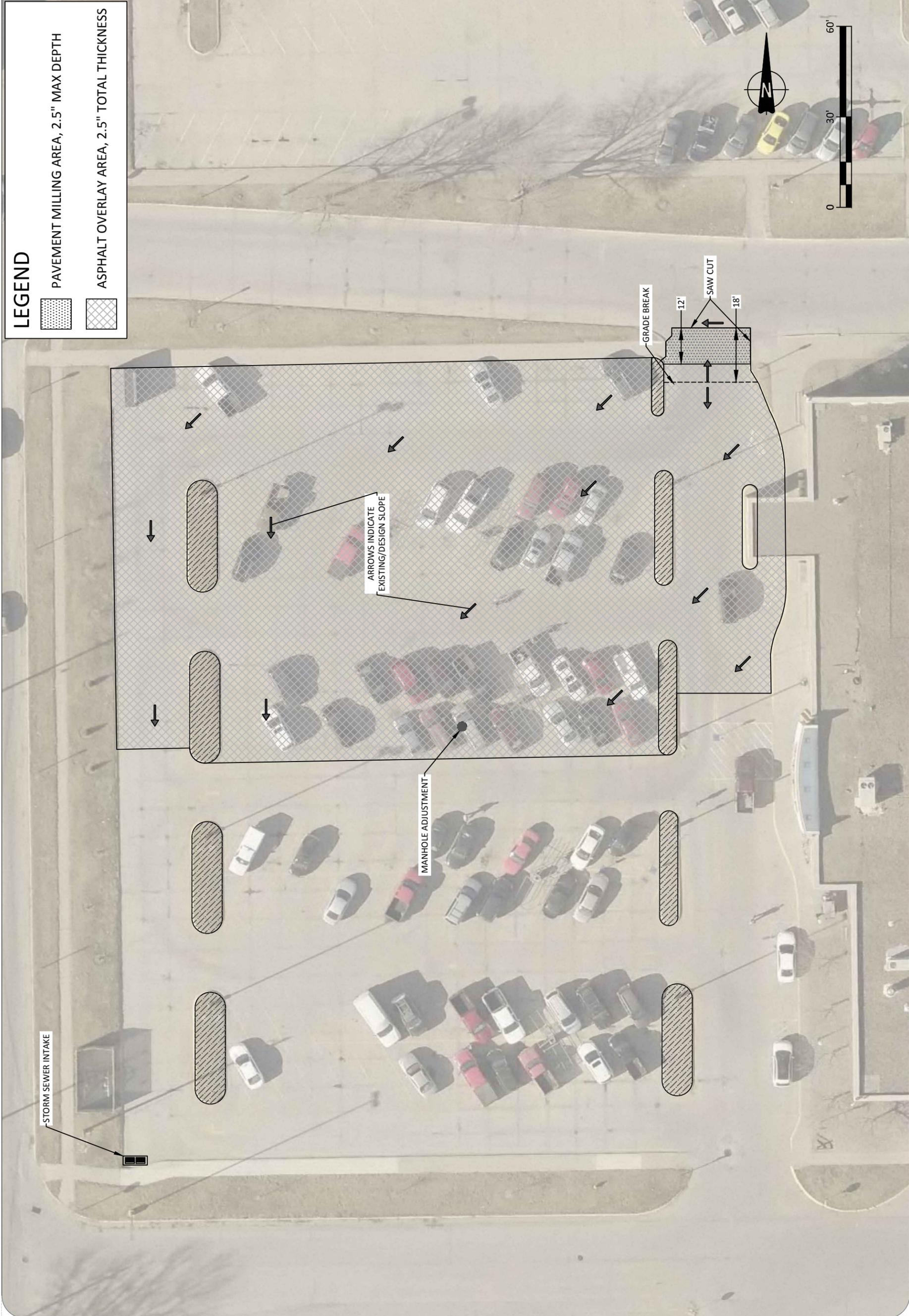
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**LEGEND**

- PAVEMENT MILLING AREA, 2.5" MAX DEPTH
- ASPHALT OVERLAY AREA, 2.5" TOTAL THICKNESS



SHEET NO.

PROJECT NO.  
2010-94

DATE:  
MAY 27, 2016

APPROVED BY: AP

DRAWN BY: NW

PROJECT NAME:  
WEST MALL (HY-VEE) PARKING LOT  
REHABILITATION PROJECT

SHEET TITLE:  
WEST MALL (HY-VEE) PARKING LOT  
PHASE 2 PLAN

NO.

REVISION/ISSUE

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### LEGEND

- PAVEMENT MILLING AREA, 2.5" MAX DEPTH
- ASPHALT OVERLAY AREA, 2.5" TOTAL THICKNESS

