

STATE STREET PAVED SHOULDERS

ELY, IOWA



CIVIL ENGINEERS
LAND PLANNERS
LAND SURVEYORS
LANDSCAPE ARCHITECTS
ENVIRONMENTAL SPECIALISTS

1917 S. GILBERT ST.
IOWA CITY, IOWA 52240
(319) 351-8282
www.mmsconsultants.net

Date Revision

TITLE SHEET

STATE STREET
PAVED SHOULDERS

CITY OF ELY
LINN COUNTY
IOWA

MMS CONSULTANTS, INC.

Date: 8/2/2021

Designed by: SBP Field Book No:

Drawn by: KLE Scale: NTS

Checked by: SBP Sheet No:

Project No: C1100

IOWA CITY 5701-092

STATE STREET PAVED SHOULDERS ELY, IOWA



LOCATION MAP
NOT TO SCALE

STANDARD LEGEND AND NOTES	
	PROPERTY &/or BOUNDARY LINES
	CONGRESSIONAL SECTION LINES
	RIGHT-OF-WAY LINES
	EXISTING RIGHT-OF-WAY LINES
	CENTER LINES
	EXISTING CENTER LINES
	LOT LINES, INTERNAL LOT LINES, PLATTED OR BY DEED
	PROPOSED EASEMENT LINES
	EXISTING EASEMENT LINES
	BENCHMARK
	RECORDED DIMENSIONS
	CURVE SEGMENT NUMBER
	POWER POLE
	POWER POLE W/DROP
	POWER POLE W/TRANS
	POWER POLE W/LIGHT
	GUY POLE
	LIGHT POLE
	SANITARY MANHOLE
	FIRE HYDRANT
	WATER VALVE
	DRAINAGE MANHOLE
	CURB INLET
	FENCE LINE
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	WATER LINES
	ELECTRICAL LINES
	TELEPHONE LINES
	GAS LINES
	CONTOUR LINES (1' INTERVAL)
	PROPOSED GROUND
	EXISTING TREE LINE
	EXISTING DECIDUOUS TREE & SHRUB
	EXISTING EVERGREEN TREES & SHRUBS

THE ACTUAL SIZE AND LOCATION OF ALL PROPOSED FACILITIES SHALL BE VERIFIED WITH CONSTRUCTION DOCUMENTS, WHICH ARE TO BE PREPARED AND SUBMITTED SUBSEQUENT TO THE APPROVAL OF THIS DOCUMENT.

MAYOR
ELDY MILLER

CITY ADMINISTRATOR
ADAM THOMPSON

COUNCIL
BEN SYMONDS
JUDY WERY
KAY HALE
DAN WHITAKER
WILLIAM TUTTILL

UTILITY COMPANY CONTACTS

SERVICE	SUPPLIER	PHONE NO.
TELEPHONE & CABLE TV	SOUTH SLOPE COOPERATIVE ATTN: BRIAN FRESE	319-227-7111
NATURAL GAS	MIDAMERICAN ENERGY ATTN: STACY HANK	319-298-5157
TELEPHONE & CABLE TV	AUREON NETWORK SERVICES ATTN: JEFF KLOCKO	515-830-0445
ELECTRICITY	LINN COUNTY REC ATTN: JOHNA NUNEMAKER	319-298-5157
ELECTRICITY	ALLIANT ENERGY ATTN: LAURA BARR	319-286-1315
TELEPHONE & CABLE TV	MEDIACOM ATTN: RANDY CHASE	319-395-9699
WATER	CITY OF ELY ATTN: DENISE HOY	319-848-4103
SEWER	CITY OF ELY ATTN: DENISE HOY	319-848-4103

BENCHMARK INFORMATION

POINT	ELEVATION	DATUM	DESCRIPTION
NO. 1	729.787	NAVD88	BENCHMARK, 894'± WEST OF WEST CURB ON STATE STREET ALONG SOUTH SIDE OF VISTA ROAD 40'± NORTH OF THE SOUTH CURB.

SURVEY CONTROL

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
V1	3422554.22'	5442168.48'	730.41	CUT "X" ON SE CORNER OF INTR ON NW SIDE OF STATE STREET AT NORTH DRIVE ENTRANCE TO CASEY'S
V2	3422293.53'	5442777.04'	725.93	CUT "X" ON CORNER OF RAMP TURNING SPACE NEAR MANHOLE ON NW CORNER OF DOWS AND WALKER ST
V3	3423715.43'	5441406.98'	738.15	CUT "X" AT END OF CURB ON SOUTH PORTION OF RADIUS AT INTERSECTION OF NORTHGATE DR AND STATE ST
V4	3426006.20'	5439695.80'	745.53	CUT "X" IN NORTHERN MOST DRIVE TO T&W SERVICE, APPROX 10 FT EAST OF EDGE OF PAVEMENT OF STATE ST
V5	3428658.06'	5438593.67'	757.50	PIN SET AT SW CORNER OF MABIE RD AND ELY RD INTERSECTION.
V6	3425148.41'	5444471.40'	809.463	CUT "X" AT INTERSECTION OF ROGERS CREEK RD AND JAPPA RD

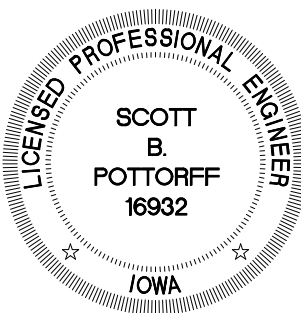
Sheet Index

C1100	TITLE SHEET
CP100	PAVED SHOULDER PLAN
CP101	PAVED SHOULDER PLAN
CU500	GENERAL NOTES AND DETAILS

UTILITIES
THE CONTRACTOR SHALL NOTIFY IOWA ONE CALL AT 811 OR 800/292-8989 NO LESS THAN 48 HRS. IN ADVANCE OF ANY DIGGING OR EXCAVATION.



WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.

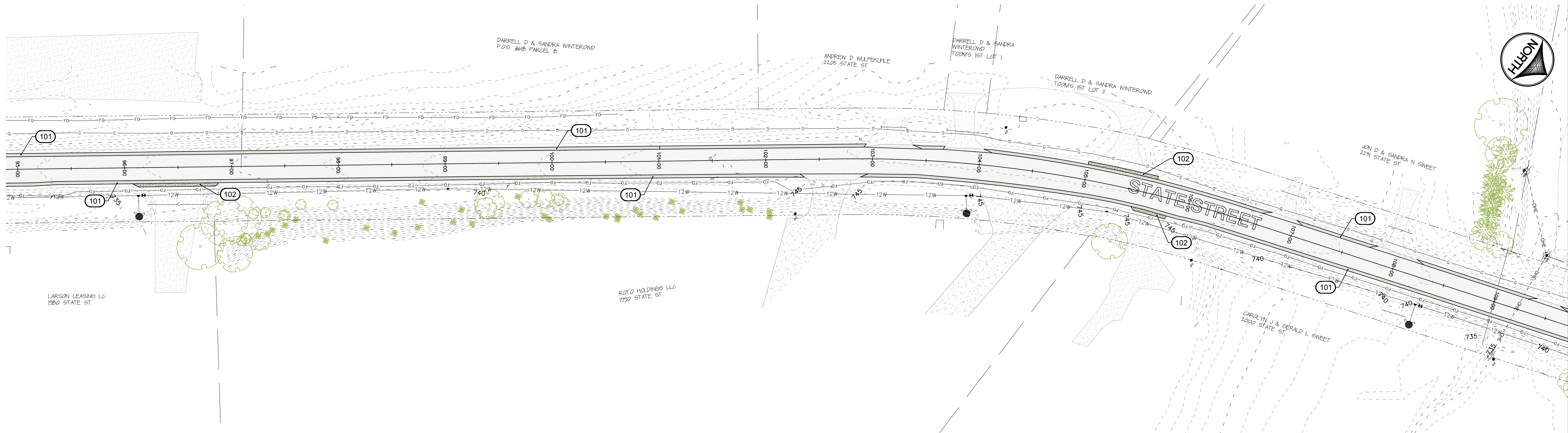
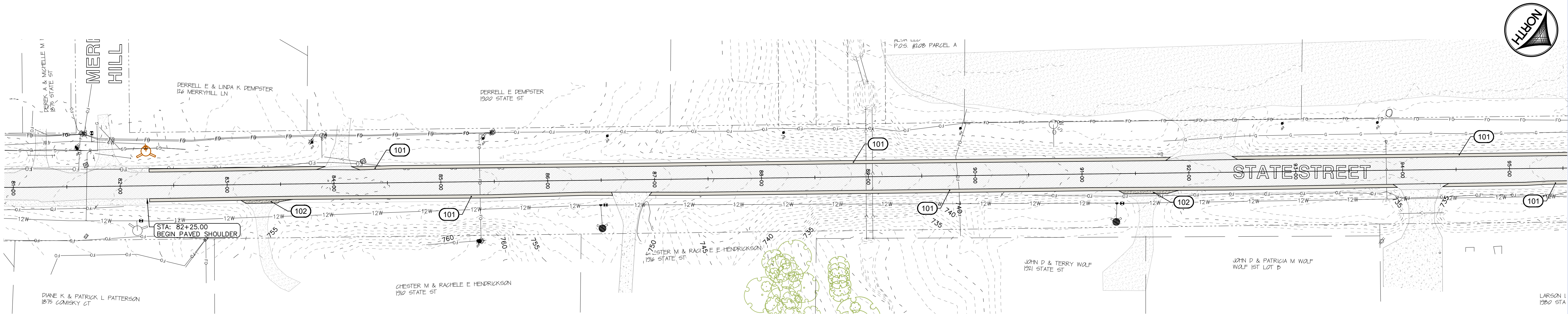


I hereby certify that this engineering document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

SCOTT B. POTTORFF, P.E. Iowa Lic. No. 16932
My license renewal date is December 31, 2021.

Pages or sheets covered by this seal:
All sheets this set

SEAL



KEYNOTES	
NUMBER	KEYNOTE
101	EXCAVATE TO REMOVE EXISTING GRANULAR SHOULDER. INSTALL 3' WIDE PAVED SHOULDER (4" HMA ON 4" MODIFIED SUBBASE). INSTALL GRANULAR SHOULDER MATERIAL AS REQUIRED TO MATCH EXISTING SHOULDER.
102	INSTALL GRANULAR SHOULDER MATERIAL TO MATCH NEW PAVED SHOULDER TO EXISTING GRANULAR DRIVEWAY.
103	EXCAVATE TO REMOVE EXISTING GRANULAR DRIVEWAY. INSTALL 6' WIDE HMA FILLET (4" HMA ON 4" MODIFIED SUBBASE) AT EXISTING DRIVEWAY. INSTALL GRANULAR SHOULDER MATERIAL TO MATCH EXISTING DRIVEWAY.
104	SAWCUT CLEAN LINE. MATCH EXISTING ASPHALT PAVING THROUGH DRIVEWAY.
105	TRANSITION SHOULDER WIDTH TO MATCH EXISTING PAVED SHOULDERS.

PAVING LEGEND	
	4" HMA ON 4" MODIFIED SUBBASE (19,762 SF)
	GRANULAR SHOULDER MATERIAL AS REQUIRED TO MATCH EXISTING DRIVEWAY (1,045 SF)



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PAVED SHOULDER PLAN

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CITY OF ELY
LINN COUNTY
IOWA

MMS CONSULTANTS, INC.	
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5701-092	CP100



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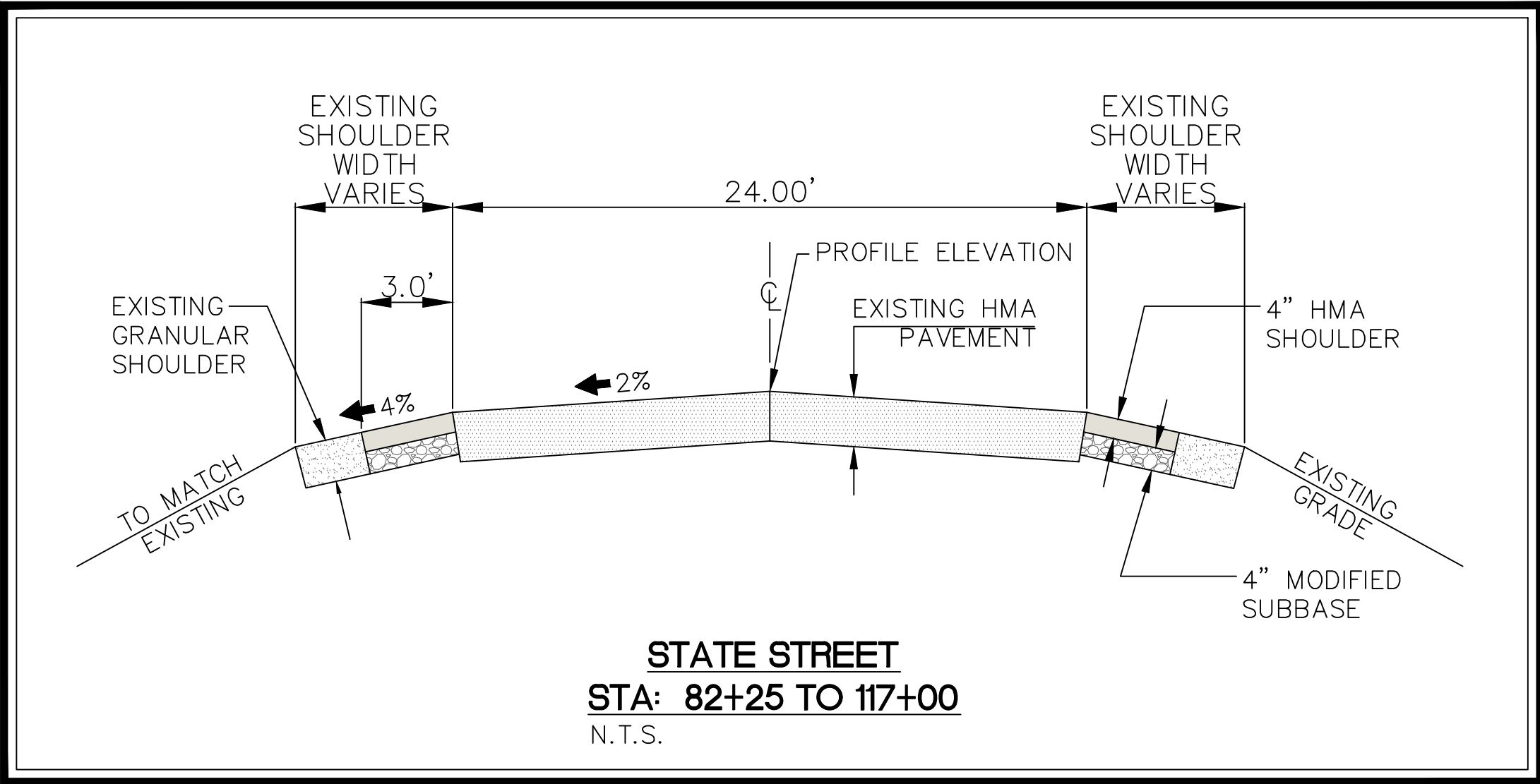
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IOWA CITY	CP101
5701-092	



TRAFFIC CONTROL NOTES

TRAFFIC ON STATE STREET SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. TRAFFIC CONTROL FOR THIS PROJECT SHALL INCLUDE PROVISIONS FOR LANE CLOSURES AS REQUIRED FOR WORK WITHIN PUBLIC ROW. FLAGGERS SHALL BE REQUIRED FOR WORK WITHIN STATE STREET ROW WHENEVER LANE CLOSURES ARE REQUIRED. STANDARD ROAD PLANS TC-212/TC-213 SHALL APPLY FOR LANE CLOSURES ON STATE STREET. MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH STANDARD ROAD PLAN TC-202, WITH "ROAD WORK AHEAD" AND "END ROAD WORK" SIGNS ALONG STATE STREET AT ALL TIMES DURING CONSTRUCTION. MAINTAIN ACCESS TO ADJACENT PROPERTIES AT ALL TIMES. MAINTAIN TWO LANES OF TRAFFIC AT ALL TIMES WHEN THE CONTRACTOR IS NOT WORKING.

LOCAL TRAFFIC TO ADJACENT PROPERTIES SHALL BE MAINTAINED AS MUCH AS PRACTICAL AND SHALL BE MAINTAINED WHEN CONTRACTOR IS NOT WORKING. TRAFFIC CONTROL DEVICES, PROCEDURES, LAYOUTS, SIGNING, AND PAVEMENT MARKINGS INSTALLED WITHIN THE PROJECT LIMITS SHALL CONFORM TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE AND REINSTALL PERMANENT SIGNAGE AS REQUIRED..
2. ALL TRAFFIC CONTROL SIGNS SHALL BE PLACED A MINIMUM OF 2 FEET CLEAR OF THE EDGE OF SHOULDER OR BACK OF CURB WHERE POSSIBLE.
3. CONTRACTOR SHALL MOUNT ALL WARNING SIGNS ON PERMANENT POSTS. PORTABLE MOUNTINGS FOR WARNING SIGNS MAY BE USED FOR TEMPORARY INSTALLATIONS OF LESS THAN 3 DAYS ONLY.
4. THE LOCATION FOR STORAGE OF EQUIPMENT BY THE CONTRACTOR DURING NON-WORKING HOURS SHALL BE AS APPROVED BY THE CITY OF ELY, AND THE CONTRACTOR SHALL PROVIDE A WRITTEN AGREEMENT WITH THE PROPERTY OWNER. CONSTRUCTION EQUIPMENT MAY BE STORED WITHIN THE RIGHT OF WAY, INSIDE THE ROAD CLOSURE BARRICADES, BUT THE ACCESS TO ADJACENT PROPERTIES SHALL BE FREE OF CONTRACTORS EQUIPMENT DURING NON-WORKING HOURS.
5. CONTRACTOR SHALL CONFINE EQUIPMENT AND WORK TO CONSTRUCTION LIMITS AND RIGHT OF WAY.
6. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES ON RELOCATIONS AND/OR ADJUSTMENTS TO EXISTING UTILITIES WITHIN THE CORRIDOR.
7. THE CONTRACTOR SHALL PROVIDE ALL BARRICADES AND SIGNING REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE CURRENT EDITION OF THE MUTCD.



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