WISCONSIN UTILITIES NOTE: THE LICATION OF THE UNDERGROUND UTLITIES SHOWN ON THE PLAN HAVE BEEN OSTAINED BY FIELD CHECKS, A UTILITY LOCATE THROUGH PIOGEETS FOUTURE, AND SHAPPORTS OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, BUT THE SURFEYOR DOES NOT GUMPANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR SHOULD VERIFY LOCATIONS WITHE UTILITY COMPANIES AND THE "CITY OF MINERAL POINT" PRIOR TO STARTING ANY EXCAVATION. 0000

PROJECT LOCATION MAP SCALE: N.T.S.

PROPOSED 2021 INFRASTRUCTURE IMPROVEMENTS - SOUTH STREET

OWNER: CITY OF MINERAL POINT

SHEET INDEX:

SHEET TITLE:	SHEET DESCRIPTION:	DATE OF ISSUE:	DATE OF REVISION:
G000	TITLE SHEET & PROJECT LOCATION MAP	MARCH 10, 2021	•
G001	LEGEND & GENERAL NOTES	MARCH 10, 2021	•
C101	PLAN & PROFILE - SOUTH STREET	MARCH 10, 2021	*
C201	DETAILS - TRAFFIC CONTROL, MAP, & NOTES	MARCH 10, 2021	•
C202	DETAILS - EROSION CONTROL & NOTES	MARCH 10, 2021	•
C203	DETAILS - SANITARY SEWER SYSTEM	MARCH 10, 2021	2
C204	DETAILS - STORM SYSTEM	MARCH 10, 2021	4
C205	DETAILS - STREET	MARCH 10, 2021	-



PROJECT INFORMATION:

CITY ADMINISTRATOR MS. ERIN HIRN CITY OF MINERAL POINT 137 HIGH STREET, SUITE 1 MINERAL POINT, WI 53565

TELEPHONE UTILITY:

FRONTIER CONSTRUCTION DETAILER MR JERRY MOORE SUN PRAIRIE, WI 53590

CITY OF MINERAL POINT MR. TODD DONEY 137 HIGH STREET, SUITE 1 MINERAL POINT, WI 53565 (608) 987-2960

CABLE TELEVISION UTILITY:

CHARTER COMMUNICATIONS MR. STEVE HEGGE 2701 DANIELS STREET MADISON, WI 53718

WATER AND SANITARY SEWER UTILITIES:

CITY OF MINERAL POINT MR. RYAN KOWALSKI 137 HIGH STREET, SUITE 1 MINERAL POINT, WI 53565 OFFICE: (608) 987-3442 CELL: (608) 574-7960

ELECTRICAL & NATURAL GAS UTILITIES:

ALLIANT ENERGY MR. CHAD NOVAK 490 SHAKERAG STREET MINERAL POINT, WI 53565

DELTA 3

FOR QUESTIONS
REGARDING THIS PROJECT,
PLEASE CONTACT:

MR. MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

PROPOSED 2021 INFRASTRUCTURE MPROVEMENTS - SOUTH STREET

OF

IMPROVEMENTS

	FOR BID
PROJECT NUMBER	D21-001
SHEET SCALE	NOT TO SCALE
DRAWN BY	C.COYIER
DATE	MARCH 10, 2021
SHEET DESC.	TITLE SHEET & PROJECT

G000

SHEET NUMBER# 01 of 08

EX. CURB AND GUTTER

EX. OVERHEAD ELECTRIC

EX. RAILROAD TRACKS

EX. DRAINAGE SWALE

EX. FENCE

--- 99 --- EX. CONTOUR

EX. U.GRD N. GAS UTILITY

EX. U.GRD ELECTRIC UTILITY

EX. U.GRD CABLE TV UTILITY

EX. U.GRD FIBER OPTIC UTILITY

EX. U.GRD TELEPHONE UTILITY RIVER FLOW DIRECTION

---- PROP. 18" STORM SEWER ------ PROP. 24" STORM SEWER — — PROP. 30" STORM SEWER ---- PROP. 36" STORM SEWER ----- PROP. 48" STORM SEWER PROP. CURB AND GUTTER PROP. CURB BACK OPENING GAS PROP. U.GRD GAS UTILITY PROP. U.GRD ELECTRIC UTILITY PROP. U.GRD CABLE TV UTILITY PROP. U.GRD TELEPHONE UTILITY PROP. U.GRD FIBER OPTIC UTILITY OHE PROP. OVERHEAD ELECTRIC PROP. CROSSING OF N. GAS UTILITY PROP. UTILITY POLE PROP. LIGHT POLE -*- PROP FENCE ———— TEMPORARY EASEMENT CONSTRUCTION EASEMENT ESTIMATED DISTURBANCE LIMITS PROP. CONTOUR → PROP. DRAINAGE SWALE PROP. SILT FENCE PROP. EROSION CONTROL SEDIMENT LOG PROP. PAVEMENT MARKING PAINTED TRAFFIC ARROW ADA PARKING DESIGNATION PARKING STALL COUNT

PROP. HANDICAP RAMP WITH

DETECTABLE WARNING FIELD

PROP. 4' DIA. SANITARY MANHOLE

PROP. 5' DIA. SANITARY MANHOLE

REHABILITATION / TOP ADJUSTMENT

PROP. MANHOLE CHIMNEY

PROP. SANITARY LIFT STATION

SOIL BORING LOCATION

PROP. TYPE "X" CURB & GUTTER PROP. REVERSE-PITCH CURB & GUTTER

PROP. HOT MIX ASPHALT PAVEMENT (DRIVEWAY)

PROP. 4" CONCRETE SIDEWALK

PROP. 6" CONCRETE PAVEMENT

PROP. 8" CONCRETE PAVEMENT PROP. GRAVEL SHOULDER / DRIVEWAY

EROSION MATTING (MILD SLOPES)

EROSION MATTING (STEEP SLOPES) PROP. REGRADING AND LANDSCAPING

PROP. RIP-RAP

PROP. STORM STRUCTURES - PROFILE

PROP. STORM PIPE(RCP) - PROFILE PROP. STORM PIPE(CMP OR HDPE) - PROFILE

PROP. SANITARY STRUCTURE - PROFILE

PROP. WATER MAIN PIPE - PROFILE PROP. CLAY LINER - PROFILE

PROP. SANITARY SEWER FORCE MAIN - PROFILE

PROP. SPOT REPAIR - PROFILE / PLAN VIEW

PROP. CASING PIPE - PROFILE

PROP. CLEARING AND GRUBBING

PROP. BUILDING REMOVAL

PROP. STREET REMOVAL

PROP. PRESSURE-REDUCING VALVE STATION

• PROP. FIRE HYDRANT PROP. WATER SERVICE

PROP. WATER SERVICE WITH VALVE BOX SLEEVE

PROP. WATER VALVE PROP. WATER BEND - HORIZONTAL

PROP. WATER BEND - VERTICAL

PROP. WATER BEND <5° 倒 PROP. WATER TEE

PROP. WATER CROSS PROP. WATER REDUCER PROP. MJ PLUG

PROP. 4' DIA. STORM MANHOLE

PROP. 5' DIA. STORM MANHOLE

PROP. INLET

⑧

PROP. 4' DIA. INLET

PROP. 6' DIA. INLET

PROP. 4' DIA. CATCH BASIN- W/ 2'X3' CASTING

PROP. 5' DIA. CATCH BASIN- W/ 2'X3' CASTING

PROP. 6' DIA. CATCH BASIN- W/ 2'X3' CASTING

PROP. 4'X6' CATCH BASIN W/2'X3' CASTING

PROP. CURB OPENING CASTING PROP. 2'X3' CATCH BASIN

PROP. ADJUSTED CATCH BASIN TOP

PROP. WISDOT TYPE 8 INLET PROP. WISDOT TYPE 9 INLET

PROP. CMP ENDWALL PROP. RCP ENDWALL KEY NOTES 100

100 PROPOSED SILT FENCE FOR EROSION CONTROL

101 PROPOSED SEDIMENT LOG FOR EROSION CONTROL 102 PROPOSED TRACKING PAD FOR EROSION CONTROL.

103 RE-GRADE YARD/DITCH LINE (MIN. SLOPE 1.0%).

104 PROPOSED EROSION MAT CLASS I, TYPE 'B'.

105 INSTALL TYPE 'D' INLET PROTECTION.

106 PROPOSED MAIL BOX RELOCATION.

107 ITEM TO REMAIN. 108 CONTRACTOR TO REMOVE ITEM.

200 PROPOSED SANITARY SEWER [SIZE]. 201 NEW SANITARY SEWER LATERAL [SIZE].

202 REPLACE EXISTING SANITARY SEWER LATERAL.

203 RECONNECT EXISTING SANITARY SEWER LATERAL. 204 CONNECTION TO EXISTING SANITARY SEWER

PIPE/STRUCTURE. 205 REMOVE EXISTING SANITARY SEWER PIPE /STRUCTURE.

206 REHABILITATE SANITARY MANHOLE; SEE TABLE 'B'.

207 SANITARY SEWER SPOT REPAIR

208 ABANDON AND CAP EXISTING SANITARY SEWER.

209 ARANDON FXISTING SANITARY SEWER LATERAL

210 CONTRACTOR TO FIELD VERIFY SANITARY SEWER LATERAL LOCATION/ACTIVITY AND REPLACE ACCORDING TO ENGINEER.

300 PROPOSED WATER MAIN [SIZE].

301 NEW WATER SERVICE [SIZE]. 302 REPLACE EXISTING WATER SERVICE WITH 1" WATER

303 RECONNECT EXISTING WATER SERVICE.

304 DIRECTIONAL DRILL PROPOSED WATER SERVICE. 305 CONNECTION TO EXISTING WATER MAIN.

306 EXISTING HYDRANT TO BE REMOVED AND SALVAGED TO

OWNER 307 REMOVE EXISTING WATER MAIN VALVE BOX/STRUCTURE.

308 ADJUST EXISTING WATER MAIN VALVE BOX. 309 ABANDON, DRAIN, & CAP EXISTING WATER MAIN.

310 ABANDON EXISTING WATER SERVICE.

311 CONTRACTOR TO FIELD VERIFY WATER SERVICE

LOCATION/ACTIVITY AND REPLACE ACCORDING TO ENGINEER. 400 PROPOSED STORM SEWER [SIZE].

401 CONNECT EXISTING ROOF DRAIN TO CURB OPENING

402 CONNECTION TO EXISTING STORM SEWER PIPE/STRUCTURE.

403 REMOVE EXISTING STORM SEWER PIPE/STRUCTURE.

404 ABANDON & CAP EXISTING STORM SEWER. 405 ADJUST EXISTING STORM STRUCTURE.

500 TREE & STUMP TO BE REMOVED (LESS THEN 12") 501 TREE & STUMP TO BE REMOVED (12" & GREATER)

502 SHRUB TO BE REMOVED.

503 CLEAR AND GRUB BRUSH LINE AS NECESSARY TO COMPLETE CONSTRUCTION. ALL CLEARING TO BE VERIFIED BY PROJECT ENGINEER.

504 REMOVE AND REINSTALL/REPLACE EXISTING LANDSCAPING, FENCE, RETAINING WALL, ETC. (IF NECESSARY). 505 REMOVE EXISTING LANDSCAPING, FENCE, RETAINING WALL,

506 POLE/PEDESTAL TO BE SECURED BY UTILITY COMPANY

DURING CONSTRUCTION 507 POLE TO BE RELOCATED BY UTILITY COMPANY.

508 GUY WIRE TO BE RELOCATED BY UTILITY COMPANY. 509 PEDESTAL TO BE RELOCATED BY UTILITY COMPANY.

510 UTILITY CONFLICT - TO BE RELOCATED/ADJUSTED BY UTILITY COMPANY

511 POTENTIAL UTILITY CONFLICT - VERIFY WITH UTILITY COMPANY

512 CAUTION! - UTILITY CROSSING.

600 REMOVE EXISTING CURB & GUTTER

601 PROPOSED 24" CONCRETE CURB & GUTTER.

602 PROPOSED 30" CONCRETE CURB & GUTTER.

603 PROPOSED 36" CONCRETE CURB & GUTTER. 604 MATCH TO EXISTING CURB & GUTTER.

605 PROVIDE TYPE 'X' CURB.

606 PROVIDE REVERSE-PITCH CURB & GUTTER. 607 PROVIDE CURB TAPER.

608 REMOVE ASPHALT/CONCRETE/WALL/STEPS.

609 PROPOSED 4" CONCRETE SIDEWALK. 610 PROPOSED 6" CONCRETE SIDEWALK/DRIVEWAY.

611 PROPOSED 6" CONCRETE PAVEMENT. 612 PROPOSED 8" CONCRETE PAVEMENT

613 PROPOSED CONCRETE STEPS. STEP RISE HEIGHT AND STEP

TREAD DEPTH SHALL MEET APPLICABLE BUILDING CODES. CONTRACTOR SHALL CONFIRM REQUIRED NUMBER OF STEPS WITH PROJECT ENGINEER PRIOR TO INSTALL.

614 PROPOSED 2' GRAVEL SHOULDER. 615 REGRADE EXISTING GRAVEL.

616 PROPOSED GRAVEL DRIVEWAY.

617 REMOVE & REPLACE GRAVEL DRIVEWAY.

618 REMOVE GRAVEL DRIVEWAY & REPLACE WITH BITUMINOUS DRIVEWAY/APRON.

NOTES:

TRAFFIC CONTROL NOTE:
ALL CONTRACTORS MUST CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE REQUIREMENTS OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION. ONE LANE OF TRAFFIC MUST REMAIN OPEN DURING AND AFTER ALL CONSTRUCTION ACTIVITIES FOR EMERGENCY VEHICLE ACCESS.

STREET SIGN NOTE

CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING, STORING, AND RESETTING ALL PERMANENT SIGNS. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING SIGNS UNTIL REMOVED. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL TEMPORARY SIGNS THAT MAY BE REQUIRED.

TRAFFIC SIGN NOTE:

CONTRACTOR TO PROVIDE TEMPORARY TRAFFIC SIGNS FOR ANY TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION. ALL DISTURBED TRAFFIC SIGNS MUST BE REPLACED AND INSTALLED AS PER LOCAL REGULATIONS AT THE COMPLETION OF THE PROJECT.

EROSION CONTROL NOTE: CONTRACTOR TO INSTALL BACKFILL MATERIAL INTO THE EXCAVATED TRENCH AS SOON AS POSSIBLE TO IMPLEMENT EROSION CONTROL.

PROPERTY LINE AND RIGHT-OF-WAY NOTE. ALL RIGHT-OF-WAYS AND PROPERTY LINES SHOWN ARE APPROXIMATE AND FOR ILLUSTRATIVE PURPOSES ONLY. A PROPERTY SURVEY PERFORMED BY A PROFESSIONAL LAND SURVEYOR SHOULD BE COMPLETED TO DETERMINE THE ACTUAL PROPERTY LINE AND RIGHT-OF-WAY LOCATIONS.

MAILBOX RELOCATION NOTE: CONTRACTOR TO RELOCATE EXISTING MAILBOXES

DURING CONSTRUCTION (COORDINATE AND VERIFY WITH LOCAL POSTAL SERVICE ON LOCATION). RESET BEHIND CURB AND GUTTER OR SHOULDER ACCORDING TO THE REQUIREMENTS OF THE LOCAL POSTMASTER UPON COMPLETION OF STREET

TREE TRIMMING NOTE:

CONSTRUCTION.

CONTRACTOR TO PROPERLY TRIM ALL TREE BRANCHES, ROOTS, AND BUSHES DISTURBED DUE TO CONSTRUCTION.

TREE REMOVAL NOTE CONTRACTOR TO CONTACT ENGINEER OR CITY OF MINERAL POINT FOR VERIFICATION PRIOR TO ANY TREE REMOVAL

SAW CUT NOTE: CONTRACTOR TO PROVIDE FULL DEPTH SAW CUTS AND REPLACE PAVEMENT.

UTILITIES' NOTE:

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLAN HAVE BEEN OBTAINED BY FIELD CHECKS. A UTILITY LOCATE THROUGH DIGGER'S HOTLINE, AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, BUT THE SURVEYOR DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR SHOULD VERIFY LOCATIONS W/ THE UTILITY COMPANIES AND CITY OF MINERAL POINT PRIOR TO STARTING ANY EXCAVATION.

619 REMOVE & REPLACE HMA PAVEMENT

622 MATCH TO EXISTING EDGE PAVEMENT.

630 PROPOSED BITUMINOUS WEDGE CURB.

621 PROPOSED HMA PAVEMENT.

628 SAW CUT PCC PAVEMENT.

629 SAW CUT HMA PAVEMENT.

620 REMOVE & REPLACE HMA PAVEMENT DRIVEWAY.

625 REMOVE & REPLACE 4" CONCRETE SIDEWALK.

623 PROPOSED RESIDENTIAL HMA PAVEMENT DRIVEWAY.

624 PROPOSED COMMERCIAL HMA PAVEMENT DRIVEWAY.

626 REMOVE & REPLACE 6" CONCRETE SIDEWALK/DRIVEWAY

627 PROPOSED HANDICAP RAMP WITH - D. WARN. FIELD [S.F].

SANITARY SEWER LATERAL NOTE:

THE LOCATION OF EXISTING SANITARY SEWER LATERALS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND STATUS OF EACH SANITARY SEWER LATERAL ENCOUNTERED. ONLY ACTIVE SANITARY SEWER LATERALS SHALL BE CONNECTED TO THE NEW SANITARY SEWER MAIN.

CASTING NOTE:

ALL EXISTING MANHOLE CASTINGS AND STORM SEWER CASTINGS TO BE REMOVED AND/OR REPLACED SHALL BE SALVAGED TO THE CITY OF MINERAL POINT.

WATER SYSTEM NOTE: CONTRACTOR TO SALVAGE EXISTING HYDRANTS TO BE REMOVED TO THE CITY OF MINERAL POINT. REMOVE EXISTING HYDRANTS TO A MINIMUM DEPTH OF 4'-0".

TRACER WIRE NOTE:

TRACER WIRE (12 GALIGE) TO BE INSTALLED WITH ALL POLYVINYL CHLORIDE (PVC) WATER MAIN.

WATER SERVICE NOTE.

CONTRACTOR TO VERIFY STATUS AND LOCATION OF EACH WATER SERVICE ENCOUNTERED. CONTRACTOR TO REPLACE ACCORDING TO ENGINEER. ONLY ACTIVE WATER SERVICES SHALL BE CONNECTED TO THE NEW WATER MAIN.

SITE RESTORATION NOTE:

CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT OF ALL DISTURBED PROJECT AREA COMPONENTS INCLUDING BUT NOT LIMITED TO EXISTING CONCRETE BITUMINOUS PAVEMENT, GRAVEL, CULVERTS, WATER AND SANITARY SEWER SYSTEM COMPONENTS. STORM SEWER SYSTEM COMPONENTS, TREES, LAWN ORNAMENTS, FENCING, YARD LANDSCAPING, RETAINING WALLS, MAILBOXES, AND LANDSCAPE AREAS.

PROPERTY DAMAGES:

THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION OF ADJACENT PROPERTY AND FOR ANY DAMAGE TO THE SITE OR TO ADJACENT PROPERTY INCIDENTAL TO THE CONSTRUCTION ACTIVITIES. AFTER THE COMPLETION OF CONSTRUCTION, ANY AREAS ADJACENT TO THE CONSTRUCTION SITE DAMAGED BY THE CONTRACTOR DURING EXECUTION OF THE CONTRACT SHALL BE RESTORED TO MATCH THE PRECONSTRUCTION CONDITIONS.

> **DESIGNATION DISCIPLINE** REMOVAL **GENERAL** CIVIL **LANDSCAPE AQUATIC** AQ ARCHITECTURAL STRUCTURAL **ELECTRICA** INSTRUMENTATION/CONTROLS PROCESS PLUMBING HVAC /MECHANICAL

DISCIPLINE DESIGNATORS

DESIGNATION NOTES & SCHEDULES PLANS **ELEVATIONS & DETAILS CROSS-SECTIONS** DIAGRAMS

DRAWING SHEET DESIGNATION

C102 DRAWING NUMBER DRAWING SHEET DESIGNATION DISCIPLINE DESIGNATION (MAY HAVE MULTIPLE) SHEET NUMBER IDENTIFICATION

OUTH 9 PROPOSE IMPROVI

ENGINEER:

898 JACKSON STREET DUBUQUE, 10MA 52001

🕰 DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818

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TELEPHONE: (608) 348-5355

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PHONE: (563) 542-9005

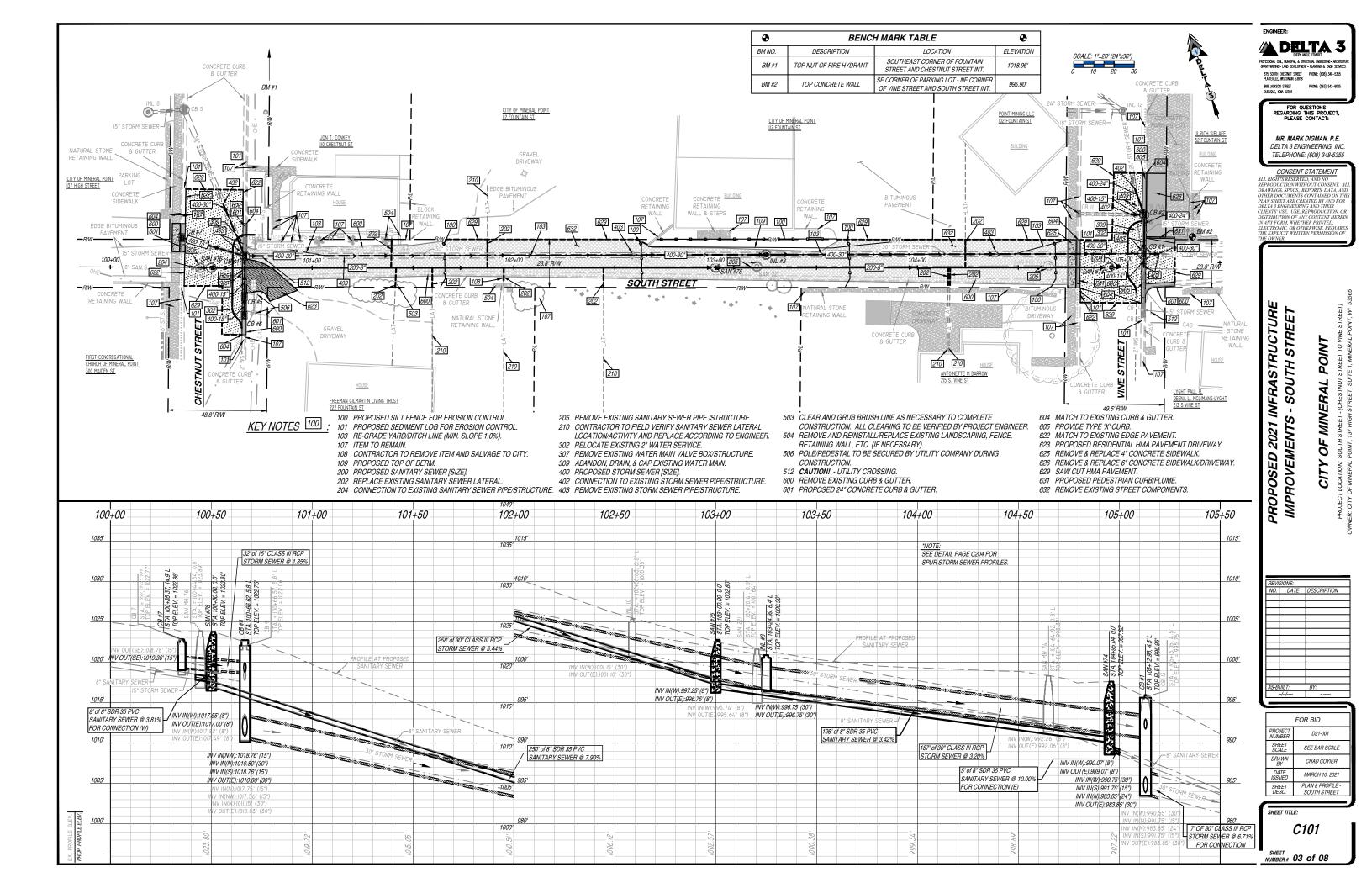
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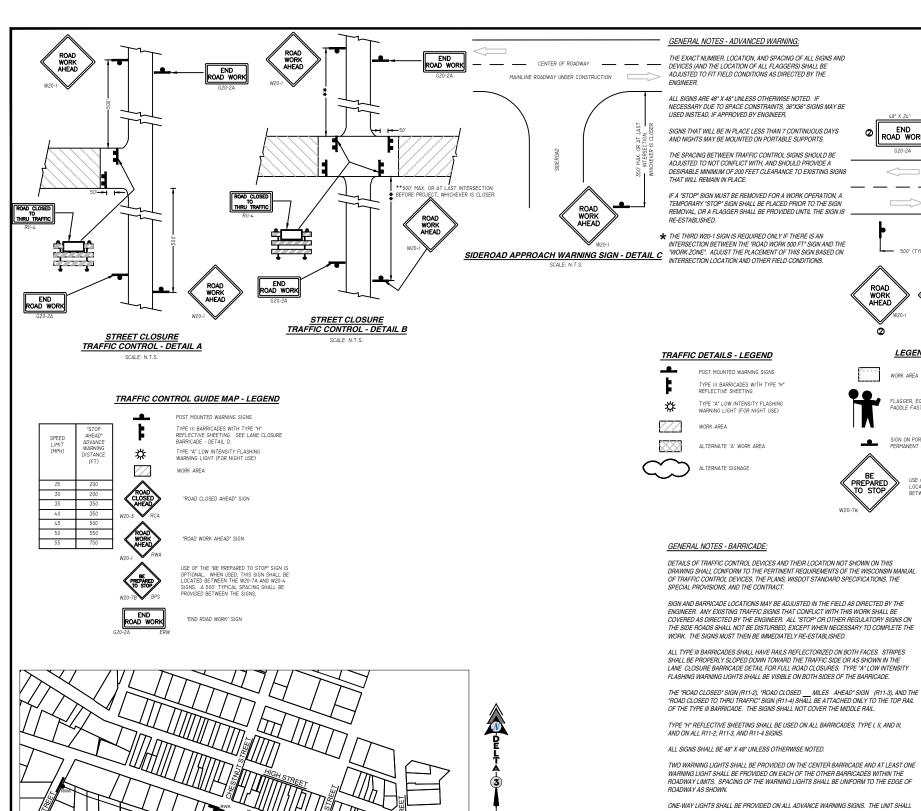
D21-001 SHEET NOT TO SCALE DRAWN DATE ISSUED MARCH 10, 202 LEGEND & SHEET DESC. GENERAL NOTES

SHEET TITLE

G001

NUMBER # 02 of 08





TRAFFIC CONTROL GUIDE MAPS

SCALE: N.T.S

THE SIGN LOCATIONS SHOWN ARE APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL INSTALL TRAFFIC CONTROL SIGNS PER WISCONSIN DEPARTMENT OF TRANSPORTATION (WISDOT) STANDARDS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

THE SIGNS SHOWN ARE THE MINIMUM TRAFFIC CONTROL THAT WILL BE REQUIRED FOR THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADDITIONAL TRAFFIC CONTROL MFASURES DURING CONSTRUCTION TO MEET THE STANDARDS OF THE WISCONSIN DOT AND THE MANUAL OF LINIFORM TRAFFIC CONTROL DEVICES AND AS DIRECTED BY THE PROJECT ENGINEER.

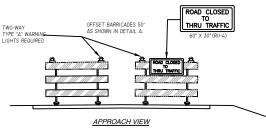
TYPE "H" REFLECTIVE SHEETING SHALL BE USED ON ALL BARRICADES, TYPE I, II, AND III,

AND ON ALL R11-2, R11-3, AND R11-4 SIGNS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.

TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND AT LEAST ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF

ONE-WAY LIGHTS SHALL BE PROVIDED ON ALL ADVANCE WARNING SIGNS. THE UNIT SHALL BE POSITIONED SUCH THAT THE LIGHT SOURCE IS OUTSIDE THE SIGN FACE AND AT THE TOP OF THE SIGN.



LANE CLOSURE BARRICADE - DETAIL D

GENERAL NOTES - FLAGGING OPERATIONS:

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISDOT STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE

2

END ROAD WORK

THE EXACT NUMBER I OCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

(AS SIMULTANOUSLY AS PRACTICAL) AT APPROXIMATELY

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECFICATIONS OR AS DIRECTED BY THE ENGINEER

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, THE "FLAGGER AHEAD", THE "ROAD WORK AHEAD" AND THE "ONE LANE ROAD AHEAD" SIGNS SHALL BE COVERED OR REMOVED, AND THE HIGHWAY RESTORED TO NORMAL

LEGEND

WORK AREA

FLEXIBLE TUBULAR MARKER POST

POST MOUNTED SIGN

ALL SIGNS ARE 48" X 48" LINEESS OTHERWISE NOTED

TRAFFIC TABLE A

V 4 6 8 10 (Feet)

90 120 150 220

85

120 170

280

GENERAL NOTES:

USE OF THE 'BE PREPARED TO STOP' SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.

END ROAD WORK

LEGEND

WORK ARFA

BE PREPARED TO STOP

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FLAGGING OPERATIONS - DETAIL E

2 SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS

WITHIN A SIGNED ROAD WORK ZONE AREA.

SIGNING FOR BOTH DIRECTIONS SHALL BE RE-ESTABLISHED

SCALE: N.T.S.

FOR A MOVING WORK OPERATION:

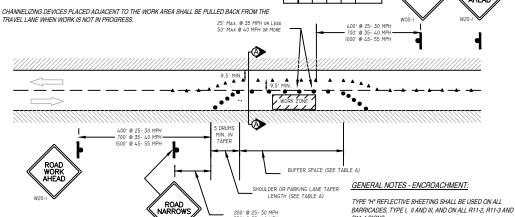
ALL SIGNS ARE 48"X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY THE ENGINEER.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON

ANY SIGNS TEMPORARY OR EXISTING. WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE". SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE

WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THEN 7 CONTINUOUS DAYS AND NIGHTS.



TRAFFIC ENCROACHMENT - DETAIL F

SCALE: N.T.S.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED

R11-2 "ROAD CLOSED" SIGNS SHALL BE 48" X 30" R11-3, AND R11-4 SIGNS SHALL BE 60" X 30". G20-2A SIGNS SHALL BE 48" X 24".

🔼 DELTA 3

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> SOUTH STREET POINT

INFRASTRUCTURE

2021

PROPOSED

IMPROVEMENTS

MINERAL OF

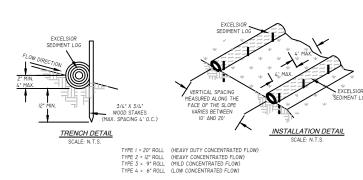
D21-001 SHEET NOT TO SCALE DRAWN C. COYIER DATE ISSUED MARCH 10, 2021 DETAILS - TRAFFI SHEET DESC. CONTROL. MAP. & NO

SHEET TITLE

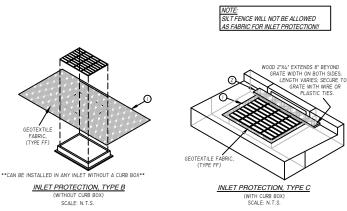
C201

NUMBER # 04 of 08

TRACKING PAD DETAIL



EROSION CONTROL SEDIMENT LOG



INLET PROTECTION DETAILS

INSTALLATION NOTES:

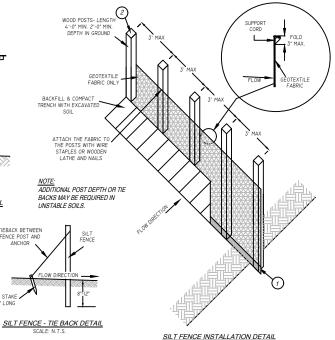
TRIM EXCESS FABRIC IN THE FLOW TO WITHIN 3" OF GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE. LISING A SEWN FLAP HAND HOLDS OR OTHER METHOD TO PREVENT

DO NOT INSTALL PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3' OF THE GRATE. THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3", WHERE NECESSARY, THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

SILT FENCE - JOINING TWO LENGTHS DETAIL SILT FENCE - TRENCH DETAIL

GENERAL NOTES- SILT FENCE: DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION (MOST CURRENT EDITION) AND THE APPLICABLE

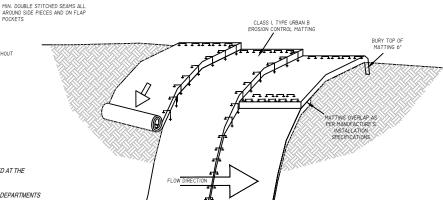
- (1) TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FARRIC FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- ② WOOD POST SHALL BE A MINIMUM SIZE OF 1-1/8" X 1-1/8" OF OAK OR



SILT FENCE DETAILS

ISE REBAR OR STEEL ROD FOR REMOVAL OR FOR ETS WITH CAST CURB BOX USE WOOD 2"X4 END 10" BEYOND GRATE WIDTH ON BOTH SIDE PROVIDE MINIMUM 6" O EXISTING GRADE

REMOVE STREET COMPONENTS AND GRADE DITCH DETAIL



GENERAL NOTES- INLET PROTECTION:

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENTS EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

INLET PROTECTION - TYPE D

INSTALLED IN ANY INLET WITH OF A CURB BOX AS PER NOTE (2)

SCALE: N.T.S.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FARRIC DOES NOT FALL INTO THE INLET, ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED

1) FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MIN. OF 10* AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

3) FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"X4".

- EROSION MATTING NOTES:

 1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND MULCH AND SEED.

 2. BEGIN AT THE TOP OF THE SHOULDER (OR CHANNEL) BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL
- AND COMPACT THE TRENCH AFTER STAPLING. BOLL THE BLANKETS DOWN (STARTING AT DOWNSTREAM PROCEEDING UPSTREAM) HORIZONTALLY ACROSS THE SLOPE
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH MANUFACTURE'S RECOMENDED OVERLAP.
- 5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH AN OVERLAP, LISE A DOUBLE BOW OF STAGGERED STAPLES 4" APART TO SECURE BLANKETS
- 6. IN HIGH CHANNEL APPLICATIONS, A STAPLE SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A ROW OF STAPLES 4* APART OVER THE ENTIRE WIDTH OF THE CHANNEL PLACE A SECOND ROW 4" BELOW THE FIRST ROW IN A STAGERED PATTERN.
- 7. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE

EROSION MATTING - SLOPE INSTALLATION DETAIL

EROSION CONTROL NOTES:

GENERAL EROSION NOTES AND MAINTENANCE MEASURES ARE ILLUSTRATED ON THE PLAN & PROFILE SHEETS. AFTER AWARD OF THE CONTRACT, THE GENERAL CONTRACTOR SHALL INSTALL ALL BEST MANAGEMENT PRACTICES AS SHOWN ON THE PLAN & PROFILE SHEETS. ONCE INSTALLED, THE GENERAL CONTRACTOR SHALL CONTACT DELTA 3 ENGINEERING, INC. (608-348-5355). ONCE NOTIFIED DELTA 3 ENGINEERING INC. WILL VISIT THE SITE WITHIN 5 DAYS TO BEVIEW THE SITE STRILL CONTACT DELLA 2 ENGINEERING, DIE, DOOSSESS, DICKE NOTTHEE DEELT AS ENGINEERING DIE, DIE LIEU THE STIE WITHIN SOATS OF ENTEWN THE STIE WITH THE GENERAL CONTRACTORS SUPERINTENDENT WILL REVIEW THE STIE FOR COMPLIANCE WITH THE EROSION CONTROL MEASURES. IF AND WHEN ALL BEST MANAGEMENT PRACTICES REQUIRED TO COMMENCE STIE CONSTRUCTION ARE IN PLACE. THE CONSULTING ENGINEER AND PROJECT SUPERINTENDENT WILL SIGN AND CERTIFY THIS FACT. THIS REVIEW AND CERTIFICATION SHALL TAKE PLACE PRIOR TO THE REQUIRED PRE-CONSTRUCTION MEETING. THE SITE SUPERINTENDENT SHALL MAINTAIN AN AS-BUILT COPY OF THE EROSION CONTROL MEASURES ON SITE AT ALL TIMES. ANY ACTIVITIES INVOLVING INSTALLATION OF BEST MANAGEMENT PRACTICES SHALL BE INDICATED ON THE AS-BUILT PLAN WITH AN INSTALLED TIME AND DATE. RECORDED INFORMATION SHALL BE PERMANENTLY PLACED ON THE SITE MAP INCLUDING ANY CHANGES MADE TO THE BEST MANAGEMENT PRACTICES. IF THE SITE MAP BECOMES HARD TO READ, THE INITIAL DRAWING SHALL BE SAVED AND A CLEAN COPY SHALL BE ISSUED IN ORDER TO CONTINUE RECORDING ANY ON-SITE EROSION CONTROL ACTIVITY.

A COMPLETE COPY OF ALL INSPECTION REPORTS, PLAN REVISIONS, ETC., MUST BE RETAINED AT THE PROJECT SITE AT ALL TIMES DURING DURATION OF THE PROJECT AND KEPT IN THE PERMANENT PROJECT RECORDS FOR AT LEAST FIVE YEARS FOLLOWING SUBMISSION OF THE NOTICE OF TERMINATION (NOT

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT ALL SUB-CONTRACTORS INVOLVED IN GROUND DISTURBING ACTIVITY COMPLY WITH THE

DAILY INSPECTIONS BY THE PROJECT SUPERINTENDENT AND MONTHLY INSPECTIONS BY THE OWNER'S CONSTRUCTION MANAGER MUST BE MADE TO DETERMINE THE EFFECTIVENESS OF THE EROSION CONTROL MEASURES. THE GENERAL CONTRACTOR IS TO INSPECT EROSION AND SEDIMENT CONTROLS WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES AS NECESSARY WITHIN 24 HOURS OF INSPECTION.

ONCE THE SITE REACHES FINAL STABILIZATION, ALL PERMANENT EROSION AND SEDIMENTATION CONTROLS ARE INSTALLED AND ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS ARE REMOVED, THE GENERAL CONTRACTOR AND OWNER MUST COMPLETE A FINAL SITE INSPECTION. UPON APPROVAL BY OWNER, THE OWNER AND GENERAL CONTRACTOR, AS APPLICABLE, MUST COMPLETE AND SUBMIT A NOTICE OF TERMINATION (NOT) FORM TO BE SUBMITTED TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES.

A RECORD OF THE DATES WHEN MAJOR GROUND-DISTURBING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INITIATED MUST BE MAINTAINED UNTIL THE NOT IS FILED. CONTROLS MUST BE IN PLACE DOWN GRADIENT OF GROUND-DISTURBING ACTIVITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

A LOG OF ALL INSPECTIONS BY FEDERAL STATE. OR LOCAL STORM WATER OR OTHER ENVIRONMENTAL AGENCIES SHALL BE KEPT BY THE GENERAL CONTRACTOR. THE LOG SHALL INCLUDE THE DATE AND TIME OF VISIT AND WHETHER A REPORT WAS ISSUED OR WILL BE ISSUED AS A RESULT OF THE INSPECTION. AN RTS ISSUED SHALL BE FAXED TO THE DELTA 3 ENGINEERING INC. 608-348-5455 (FAX).

SOIL STABILIZATION - THE PURPOSE OF SOIL STABILIZATION IS TO PREVENT SOIL FROM LEAVING THE SITE. IN THE NATURAL CONDITION, SOIL IS STABILIZED BY NATIVE VEGETATION. THE PRIMARY TECHNIQUE TO BE USED AT THIS PROJECT FOR STABILIZING SITE SOIL WILL BE TO PROVIDE A PROTECTIVE COVER OF TUR GRASS OR PAVEMENT.

(A) TEMPORARY SEEDING OR STABILIZATION - AREAS MAY BE STABILIZED TEMPORARILY WITH THE USE OF FAST-GERMINATING ANNUAL SFFD. STRAW MIJI CH WOOD CELLULOSE FIBERS, TACKIFIERS, NETTING OR BLANKET, WHERE CONDITIONS ARE FAVORABLE, AFEAS SHALL BE TEMPORARILY STABILIZED WITHIN TO DAYS AFTER CONSTRUCTION ACTIVITY CEASES. ALL DISTURBED GROUND WHERE THERE WILL NOT BE CONSTRUCTION FOR LONGER THAN 14 DAYS MUST BE

(B) PERMANENT SEEDING OR SOD - ALL AREAS AT FINAL GRADE MUST BE SEEDED OR SODDED WITHIN 3 DAYS AFTER COMPLETION OF THE MAJOR CONSTRUCTION ACTIVITY. EXCEPT FOR SMALL LEVEL SPOTS, SEEDED AREAS SHOULD GENERALLY BE PROTECTED WITH MULCH. ALL AREAS TO BE SEEDED WILL ALSO HAVE TOPSOIL AND OTHER AMENDMENTS AS STATED IN WISDOT SPECIFICATION SECTION 02900-PLANTING.

(C) MULCHING - ALL AREAS THAT ARE TEMPORARY OR PERMANENT SEEDED SHALL BE MULCHED ACCORDING TO SECTION 627 - MULCHING OF THE WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. ALL MULCH IS TO BE ANCHORED UTILIZING METHOD A, B, OR C.

(D) EROSION CONTROL MATTING - FOR ANY SLOPES GREATER THAN 3:1, EROSION MATTING IS REQUIRED.

STRUCTURAL CONTROLS - BEFORE ANY MAJOR GRADING ACTIVITIES, THE FOLLOWING BEST MANAGEMENT PRACTICES SHALL BE INSTALLED ON THE PROPOSED SITE - SILT FENCE, TEMPORARY TRACKING PAD, AND STORM SEWER INLET PROTECTION.

(A) SILT FENCE - SILT FENCE IS A SYNTHETIC PERMEABLE WOVEN OR NON-WOVEN FABRIC TYPICALLY INCORPORATING WOODEN OR METAL SUPPORT STAKES AT THERMALS SUFFICIENT TO SUPPORT THE FENCE, WATER, AND SEDIMENT RETAINED BY THE FENCE. SILT FENCE CAN ALSO BE INSTALLED WITH A WINE FENCE BACKING. THE FENCE IS DESIGNED TO RETAIN SEDIMENT FLADEN WATER AND ALLOW SETTLEMENT OF SUSPENDED SOLS BEFORE THE STORM WATER FLOWS THROUGH THE FRANCE FOOR DISCHARGE ODWINSTREMS. BY IT FENCE SHALL BE LOCATED AS HOWNON THE PLAN A PROPILE SHEETS. THE SILT FENCE TO BE INCLUDED FOR THIS PROJECT SHALL BE CONSTRUCTED PER WISCONSIN DIN TECHNICAL STANDARDS FOR SILT FENCE (CODE 1056).

(B) TEMPORARY TRACKING PAD - ALL ACCESS POINTS FROM THE PUBLIC STREET INTO THE CONSTRUCTION SITE SHALL INCLUDE A TRACKING PAD COMPOSED OF COURSE STONE TO THE DIMENSIONS SHOWN ON DETAIL SHEET (C202). ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY.

STORM SEWER INLET PROTECTION - CURB AND GRATED INLETS ARE PROTECTED FROM THE INTRUSION OF SILT AND SEDIMENT THROUGH A VARIETY OF SEDIMENT CONTROL PRACTICES TO ALLOW SETTLEMENT OF SUSPENDED SOLIS BEFORD SISCHARGING INTO THE STORM SEWER. GRATED INLETS TYPICALLY INCLIDE A STURDY FRAME WRAPPED IN GEOTERILE FABRIC OR SEDIMENT LOG PERIMETER TO SLOW THE FLOW OF WATER AND ALLOW PONDING WHERE SEDIMENT MAY SETTI E OUT. CURB INI ETS TYPICALI Y INCLUDE SEDIMENT LOG BARRIERS HELD IN PLACE WITH GEOTEXTILE FABRIC. OTHER MANUFACTURED PRODUCTS ARE ALSO AVAILABLE. ALL STORM DRAINS SHALL BE PROTECTED BY USING STRAW BALES, SEDIMENT LOGS, FABRIC, OR EQUIVALENT BARRIER.

FINAL SITE STABILIZATION IS ACHIEVED WHEN TURF GRASS COVER PROVIDES PERMANENT STABILIZATION FOR AT LEAST 70 PERCENT OF THE DISTURBED SOIL SURFACE, EXCLUSIVE OF AREAS THAT HAVE BEEN PAVED.

10. OTHER POLLUTANT CONTROLS

(A) DUST CONTROL - CONSTRUCTION TRAFFIC MUST ENTER AND EXIT THE SITE AT THE STABILIZED CONSTRUCTION EXIT. THE PURPOSE IS TO TRAP DUST AND MUD THAT WOULD OTHERWISE BE CARRIED OFF-SITE BY CONSTRUCTION EQUIPMENT.

WATER TRUCKS OR OTHER DUST CONTROL AGENTS WILL BE USED AS NEEDED DURING CONSTRUCTION TO REDUCE DUST GENERATED ON THE SITE. DUST CONTROL MUST BE PROVIDED BY THE GENERAL CONTRACTOR TO A DEGREE THAT IS ACCEPTABLE TO THE OWNERS CONSTRUCTION MANAGER, AND IN COMPLIANCE WITH APPLICABLE LOCAL AND STATE DUST CONTROL REGULATIONS. AFTER CONSTRUCTION, THE SITE WILL BE STABILIZED (AS DESCRIBED ELSEWHERE), WHICH WILL REDUCE THE POTENTIAL FOR DUST GENERATION.

(B) SOLID WASTE DISPOSAL - NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, ARE ALLOWED TO BE DISCHARGED FROM THE SITE WITH STORM WATER. ALL SOLID WASTE, INCLUDING DISPOSABLE MATERIALS INCIDENTAL TO THE MAJOR CONSTRUCTION ACTIVITIES, MUST BE COLLECTED AND PLACED IN CONTAINERS. THE CONTAINERS WILL BE EMPTIED AS NECESSARY BY A CONTRACT TRASH DISPOSAL SERVICE AND HAULED AWAY FROM THE SITE. THE LOCATION OF SOLID WASTE RECEPTACLES SHALL BE SHOWN AND APPROVED BY THE OWNER.

SUBSTANCES THAT HAVE THE POTENTIAL FOR POLLUTING SURFACE AND/OR GROUNDWATER MUST BE CONTROLLED BY WHATEVER MEANS NECESSARY IN ORDER TO ENSURE THAT THEY DO NOT DISCHARGE FROM THE SITE. FOR EXAMPLE, SPECIAL CARE MUST BE EXERCISED DURING EQUIPMENT FUELING AND SERVICING OPERATIONS. IF A SPILL OCCURS, IT MUST BE CONTAINED AND DISPOSED SO THAT IT WILL NOT FLOW FROM THE SITE OR ENTER GROUNDWATER, EVEN IF THIS REQUIRES REMOVAL, TREATMENT, AND DISPOSAL OF SOIL. IN THIS REGARD, POTENTIALLY POLLUTING SUBSTANCES SHOULD BE HANDLED IN A MANNER CONSISTENT WITH THE IMPACT THEY REPRESENT

(C) SANITARY FACILITIES - ALL PERSONNEL INVOLVED WITH CONSTRUCTION ACTIVITIES MUST COMPLY WITH STATE AND LOCAL SANITARY OR SEPTIC SYSTEM REGULATIONS. TEMPORARY SANITARY FACILITIES MUST BE PROVIDED AT THE SITE THROUGHOUT THE CONSTRUCTION PHASE. THEY MUST BE UTILIZED BY ALL CONSTRUCTION PERSONNEL AND MUST BE SERVICED BY A COMMERCIAL OPERATOR.

(D) WATER SOURCE - NON-STORM WATER COMPONENTS OF SITE DISCHARGE MUST BE CLEAN WATER. WATER USED FOR CONSTRUCTION WHICH DISCHARGES THOM THE SITE MUST ON IN THE TOWN A PUBLIC WATER SUPPLIER, OR PRIVATE WELL APPROVED BY THE STATE HOLD OF MOMENT. WATER USED FOR CONSTRUCTION THAT DOES NOT ORIGINATE FROM A PUBLIC WATER SUPPLIER, OR PRIVATE WELL APPROVED BY THE STATE HELL THI DEPARTMENT. WATER USED FOR CONSTRUCTION THAT DOES NOT ORIGINATE FROM AN APPROVED PUBLIC SUPPLY MUST NOT DISCHARGE FROM THE SITE. IT CAN BE RETAINED IN THE POWDS UNTIL IT INFLITATES AND EVAPORATES.

(E) CONCRETE WASTE FROM CONCRETE READY-MIX TRUCKS - DISCHARGE OF EXCESS OR WASTE CONCRETE AND/OR WASH WATER FROM CONCRETE TRUCKS

(F) FUEL TANKS - TEMPORARY ON-SITE FUEL TANKS FOR CONSTRUCTION VEHICLES SHALL MEET ALL STATE AND FEDERAL REGULATIONS. TANKS SHALL HAVE FIGE. TANNES - TEMPORATION OF THE LAWAR FOR CONSTITUTION OF THE LAWAR FEBRUARY CONTINUES THAT THE ARCH PEDERAL REQUISITIONS. A THE TANK SHALL BE INSCUIND CONDITION FREE OF RUST OR OTHER DAMAGE WHICH MIGHT COMPROMISE CONTAINMENT. HOSES, VALVES, FITTINGS, CAPS, FILLER NOZZLES, AND ASSOCIATED HARDWARE SHALL BE MAINTAINED IN PROPER WORKING CONDITION AT ALL TIMES.

MINIMIZING FROSION AND RUNOFF DURING TRENCH OPERATIONS

- (A) EXCAVATED TRENCH MATERIALS SHALL BE PLACED ON THE UPPER SIDE OF THE TRENCH WHILE THE TRENCH IS OPEN.
- EXCAVATED TRENCH MATERIAL, UPON COMPLETING WORK IN TRENCH, SHALL BE PLACED BACK IN THE TRENCH OR HAULED AWAY TO A PROPER SPOIL SITE. THE TRENCH SHALL BE BACKFILLED AND STABILIZED AT THE END OF EACH WORKING DAY.

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A DELTA 3

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898 JACKSON STREET DUBUQUE, IOWA 52001

FOR QUESTIONS
REGARDING THIS PROJECT,
PLEASE CONTACT:

MR. MARK DIGMAN, P.E. DELTA 3 ENGINEERING INC TELEPHONE: (608) 348-5355

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POINT

RASTRUCTURE

NF

2021

ROPOSED

SOUTH STREET

IMPROVEMENTS

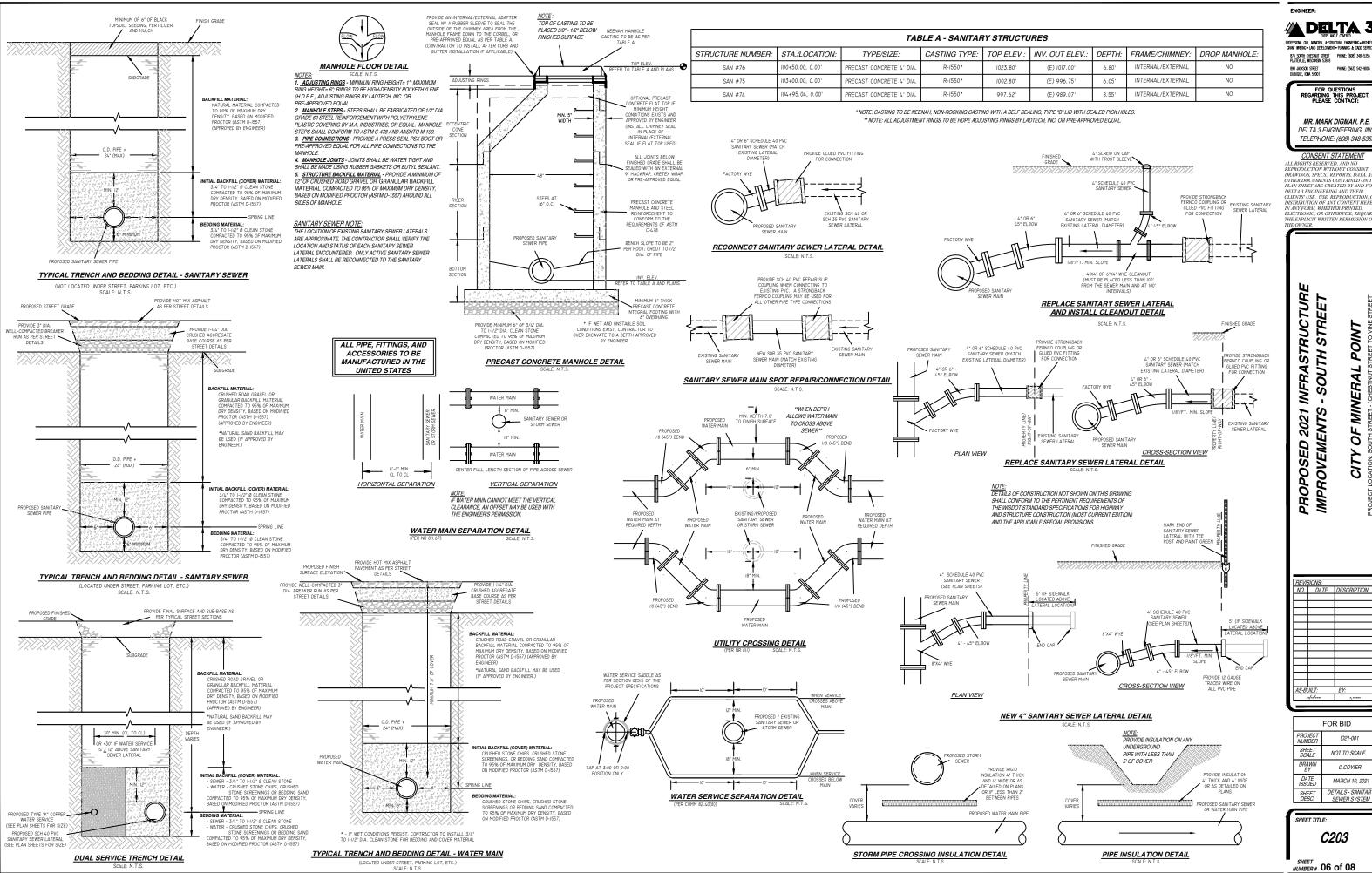
** MINERAL POINT H STREET TO VINITY 137 HIGH STREET, SUITE 1, MINERAL P OF SOUTH:

FOR BID D21_001 SHEET NOT TO SCALE DRAWN C.COYIER DATE MARCH 10, 2021 DETAILS - EROSIC SHEET DESC. CONTROL & NOTES

SHEET TITLE

C202

NUMBER # 05 of 08



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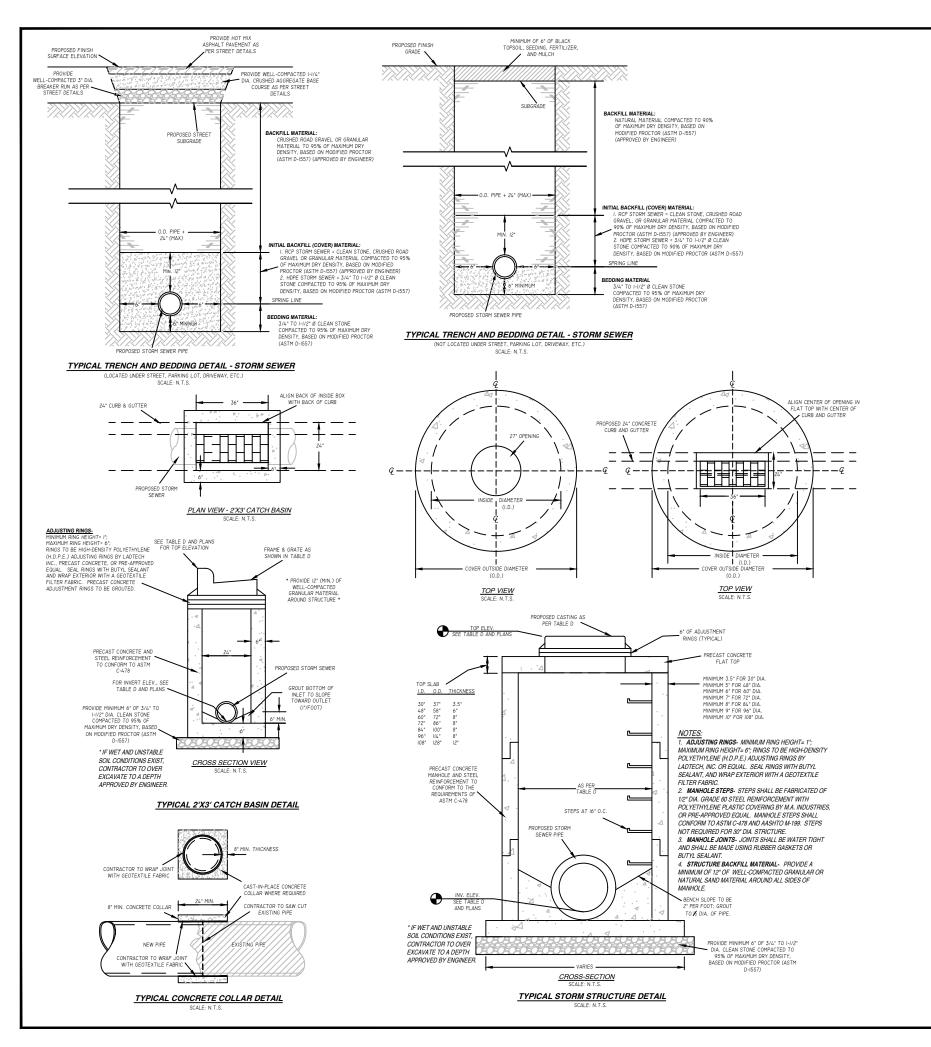
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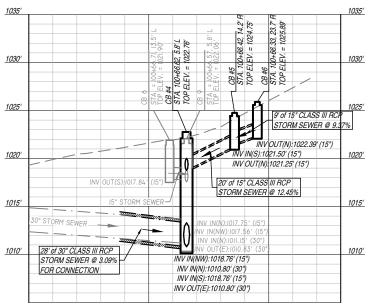
FOR BID D21-001 NOT TO SCALE DRAWN BY C.COYIER DATE ISSUED MARCH 10, 2021 DETAILS - SANITAR SEWER SYSTEM

SHEET TITLE:

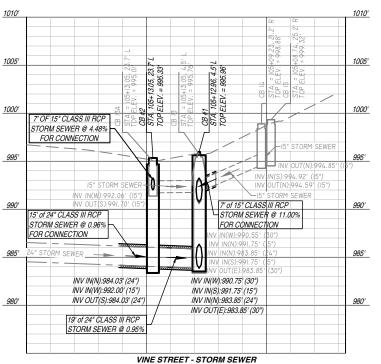
C203

NUMBER # 06 of 08





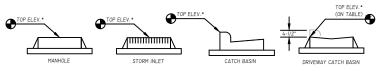
CHESTNUT STREET - STORM SEWER



SCALE: I" = 20

TABLE D - STORM STRUCTURES							
STRUC. NUMBER:	STA./LOCATION:	TYPE/SIZE:	CASTING TYPE:	TOP ELEV.:	INV. OUT ELEV.:	DEPTH:	INLET PROTECTION:
CB #7	100+35.37, 14.86' L	2'X3' PRECAST BOX	R-3067-L	1022.86'	(SE) 1019.361	3.50'	TYPE "B" OR SEDIMENT LOG
CB #6	100+66.33, 23.66' R	2'X3' PRECAST BOX	R-3067-L	1025.89'	(N) 1022.39'	3.50'	TYPE "B" OR SEDIMENT LOG
CB #5	100+66.42, 14.16' R	2'X3' PRECAST BOX	R-3067-L	1024.75'	(N) 1021.25'	3.50'	TYPE "B" OR SEDIMENT LOG
CB #4	100+66.62, 5.83' L	4' DIA PRECAST	R-3067-L	1022.76'	(E) 1010.80'	11.96'	TYPE "B" OR SEDIMENT LOG
INL #3	103+24.99, 6.38' L	4' DIA PRECAST	R-2500*	1000.90'	(E) 996.75'	4.15'	TYPE "D"
CB #I	105+12.96, 4.47' L	5' DIA PRECAST	R-350I-TB	995.96'	(E) 983.85'	12.11'	TYPE "B" OR SEDIMENT LOG
CB #2	105+13.05, 23.67' L	4' DIA PRECAST	R-350I-TB	995.33'	(S) 984.03'	11.30'	TYPE "D"

* NEENAH CASTING R-2500 TO HAVE A NON-ROCKING CASTING W/ TYPE 'D' LID.



ENGINEER:

DELTA 3

PROFESSIONAL CALL, MUNICIPAL, & STRUCTURAL ENGINEERING • ARCHITECTU.
GRANT WATTING • LAND DEVELOPMENT • PLANNING & CADO SERVICES 875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818

898 JACKSON STREET PHONE: (563) 542-9005

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PROPOSED 2021 INFRASTRUCTURE IMPROVEMENTS - SOUTH STREET

F MINERAL POINT
IH STREET - (CHESTNUT STREET TO VINE ST, 137 HIGH STREET, SUITE 1, MINERAL PO

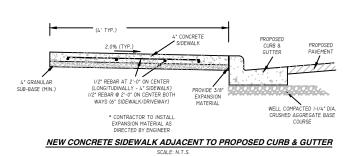
OF SOUTH S. POINT, 1. CITY ST LOCATION: S

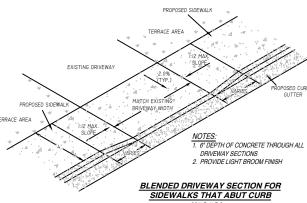
FOR BID		
PROJECT NUMBER	D21-001	
SHEET SCALE	NOT TO SCALE	
DRAWN BY	C. COYIER	
DATE ISSUED	MARCH 10, 2021	
SHEET DESC.	DETAILS - STORM SYSTEM	

SHEET TITLE:

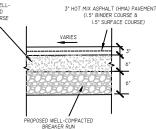
C204

NUMBER # 07 of 08





NOTE: CONTRACTOR MAY SUBSTITUTE 3/4" CABC FOR 1-1/4" DIA. CABC FOR THE TOP TWO INCHES OF THE BASE COURSE.



TYPICAL PAVEMENT PATCHING CROSS-SECTION

SCALE: N.T.S.

GENERAL NOTES- STREET.

- 1. ALL AREA DISTURBED DURING CONSTRUCTION THAT IS NOT TO BE PAVED SHALL BE RESTORED WITH A MINIMUM 6° OF TOPSOIL FERTILIZER, SEED, AND MULCH UNLESS OTHERWISE SPECIFIED.
- 2. CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT OF ALL DISTURBED PROJECT AREA COMPONENTS INCLUDING, BUT NOT LIMITED TO, EXISTING CONCRETE, BITUMINOUS PAVEMENT, GRAVEL, CULVERTS, WATER AND SANITARY SEWER COMPONENTS, STORM SEWER SYSTEM COMPONENTS, MAILBOXES, LAWN ORNAMENTS, AND LANDSCAPING THAT ARE NOT SPECIFICALLY

NOTES SIDEWALK:

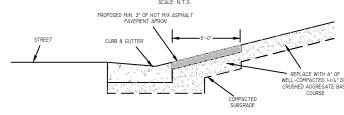
1. ALL JOINTS SHALL BE HAND TOOLED; NO SAW CUTTING WILL BE PERMITTED.

SUB-BASE (MIN.)

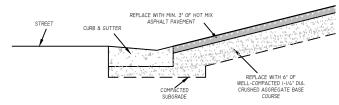
CONTRACTOR TO PROVIDE AND INSTAL 1/2" EPOXY-COATED DOWEL BARS AT 2'-

REPLACE WITH 6" OF CURB & GUTTER

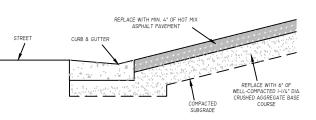
TYPICAL CONCRETE DRIVEWAY DETAIL (ALONG CURB AND GUTTER)



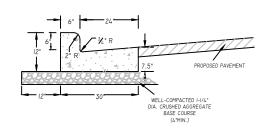
TYPICAL GRAVEL DRIVEWAY ALONG CURB & GUTTER DETAIL



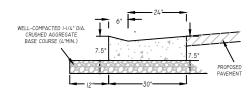
TYPICAL HOT MIX ASPHALT PAVEMENT DRIVEWAY - RESIDENTIAL DETAIL



TYPICAL HMA PAVEMENT DRIVEWAY - COMMERCIAL DETAIL



STANDARD 30" CURB & GUTTER



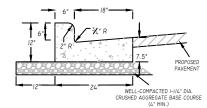
STANDARD 30" ROLL- BACK CURB AND GUTTER

- GENERAL NOTES CONCRETE DRIVEWAY:

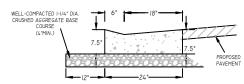
 1. ALL JOINTS SHALL BE HAND TOOLED; NO SAWCUTTING WILL BE PERMITTED.
- PEHMITTEU.

 2. SCORE ALL NEW CONCRETE TO MATCH ADJACENT WORK.

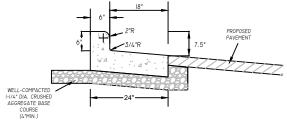
 3. PROVIDE #4 EPOXY-COATED, SMOOTH DOWEL BARS BETWEEN
 NEW AND EXISTING CONCRETE DRIVEWAY.
- 4. PROVIDE LIGHT BROOM FINISH.



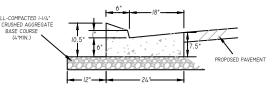
STANDARD 24" CURB & GUTTER DETAIL



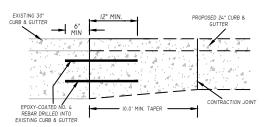
STANDARD 24" ROLL- BACK CURB AND GUTTER DETAIL



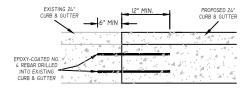
STANDARD 24" REVERSE-PITCH CURB & GUTTER DETAIL



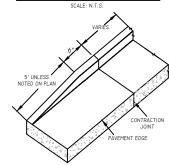
24" TYPE 'X' CURB AND GUTTER DETAIL



24" CURB & GUTTER MATCH TO 30" CURB & GUTTER DETAIL



24" CURB & GUTTER MATCH DETAIL



END SECTION-CURB & GUTTER TAPER DETAIL

PROPOSED 2021 INFRASTRUCTURE SOUTH STREET IMPROVEMENTS -

- MINEBAL POINT
H STREET - (CHESTNUT STREET TO VINE
T, 137 HIGH STREET, SUITE 1, MINERAL PO

OF I

CITY (ST LOCATION: ST LOCATION:

ENGINEER:

898 JACKSON STREET DUBUQUE, IOWA 52001

🔼 DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MR. MARK DIGMAN, P.E.

DELTA 3 ENGINEERING INC. TELEPHONE: (608) 348-5355

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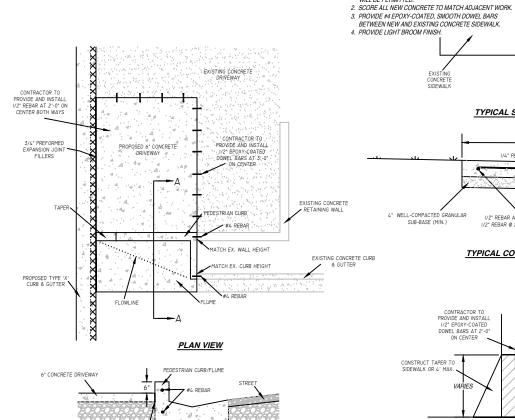
PHONE: (563) 542-9005

FOR BID			
PROJECT NUMBER	D21-001		
SHEET SCALE	NOT TO SCALE		
DRAWN BY	C. COYIER		
DATE ISSUED	MARCH 10, 2021		
SHEET DESC.	DETAILS - STREET		

SHEET TITLE:

C205

NUMBER # 08 of 08



CROSS-SECTION A-A

TYPICAL CONCRETE PEDESTRIAN CURB/FLUME DETAIL SCALE: N.T.S

SCALE: N.T.S.

COATED, SMOOTH DOWEL BARS @ 2'-0" ON CENTER

TYPICAL SIDEWALK CONNECTION DETAIL SCALE: N.T.S.

1/2" REBAR AT 2'-0" ON CENTER (LONGITUDINALLY - 4" SIDEWALK)
1/2" REBAR @ 2'-0" ON CENTER BOTH WAYS (6" SIDEWALK/DRIVEWAY,

TYPICAL CONCRETE SIDEWALK DETAIL

I/A" PER FOOT SLOPE (TYP.)

TYPICAL CONCRETE DRIVEWAY DETAIL