

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 PLAN OF PROPOSED IMPROVEMENT

U.S.H. 53 / C.T.H. "MH" INTERCHANGE
 GAYNOR DRIVE ACCESS
 LA CROSSE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1631-02-71		

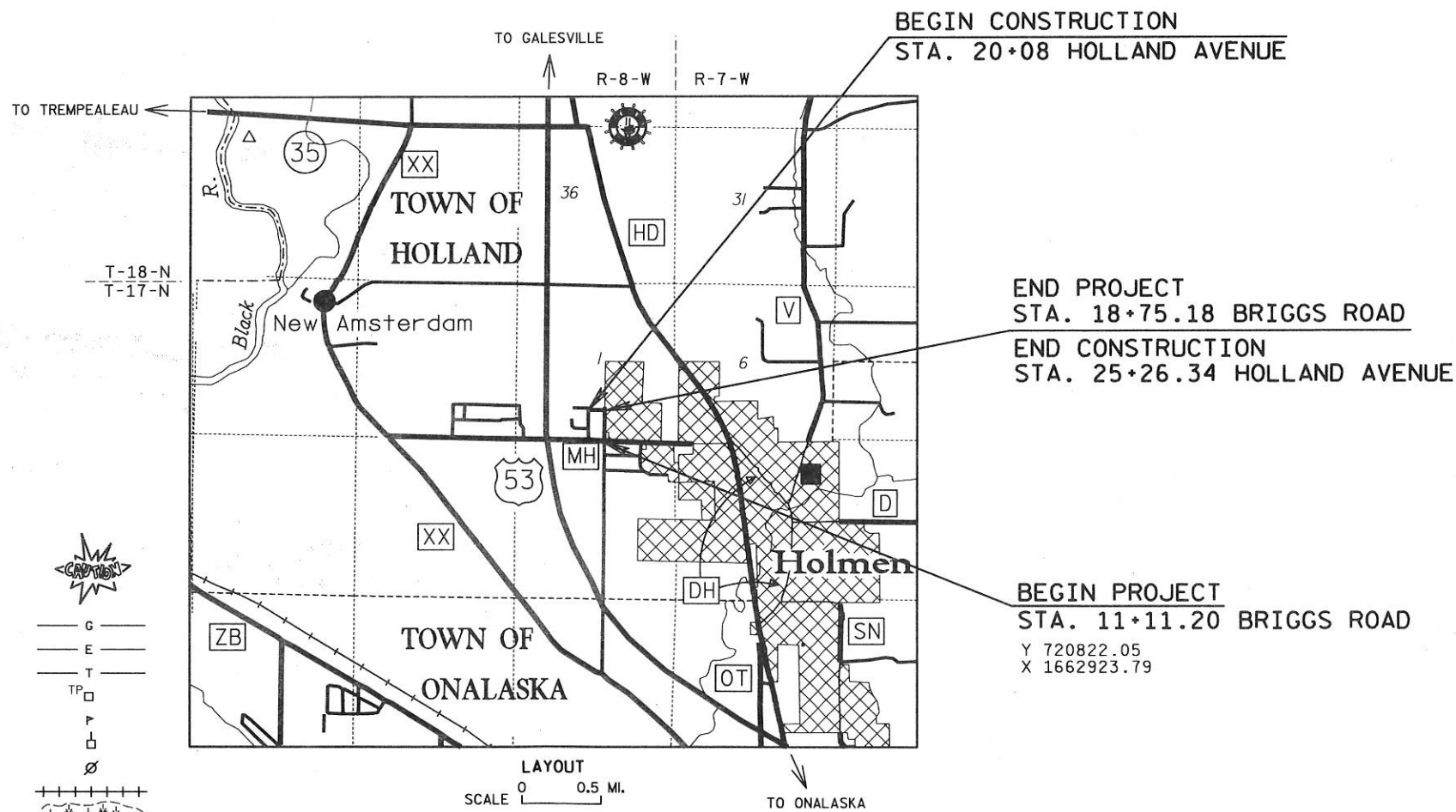
INDEX OF SHEETS

Sheet No. 1	Title
Sheet No. 2-2.2	Typical Sections and Details
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Sheet No. 3A-3B	Miscellaneous Quantities
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Sheet No. 5-5.2	Plan and Profile
Sheet No. 6-6.8	Standard Detail Drawings
Sheet No. _____	Sign Plates
Sheet No. _____	Structure Plans
Sheet No. 9.0	Computer Earthwork Data
Sheet No. 9.1-9.7	Cross Sections

TOTAL SHEETS = 28



STATE PROJECT NUMBER
 1631-02-71



TOTAL NET LENGTH OF CENTERLINE = 0.149 MI. (BRIGGS RD. EXTENSION)
 TOTAL NET LENGTH OF CENTERLINE = 0.095 MI. (HOLLAND AVE)

THE COORDINATES SHOWN ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE SYSTEM, SOUTH ZONE.

DESIGN DESIGNATION

A.D.T. (1995)	=	750
A.D.T. (2015)	=	1010
D.H.V. ()	=	250
D.	=	50-50
T.	=	6%
V.	=	25
DESIGN SPEED	=	25
ESALS	=	N/A

CONVENTIONAL SIGNS

COUNTY LINE	---	COMBUSTIBLE FLUIDS (UNDER PRESSURE)	
CORPORATE LIMITS	====	UNDERGROUND UTILITIES	
PROPERTY LINE	----	GAS	G
LOT LINE	----	ELECTRIC	E
LIMITED HIGHWAY EASEMENT	----	TELEPHONE	T
EXISTING RIGHT OF WAY	----	SERVICE PEDESTAL	TP
NEW RIGHT OF WAY	----	CABLE MARKER	P
REFERENCE LINE	----	POWER POLE	□
SLOPE INTERCEPT	----	TELEPHONE POLE	□
ORIGINAL GROUND	----	RAILROADS	+
MARSH OR ROCK PROFILE	----	MARSH	
CULVERT IN PLACE	----	WOODED AREA	
CULVERT REQUIRED	----	RIGHT-OF-WAY MARKERS	— —
CULVERT REQUIRED (Profile)	----		

ORIGINAL PLANS PREPARED BY
AYRES ASSOCIATES Engineers/Architects
 Planners/Surveyors
 Owen Ayres & Associates Inc.
 Eau Claire, Wisconsin



Martin J. Hanson
 2-27-96

DATE _____
 STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

PREPARED BY
 Surveyor: O.A.&A.
 Designer: O.A.&A.
 District Examiner: A. PROKSCH
 District Supervisor: J. ROHE
 Proj. Dev. Engineer: C. Stank
 C.O. Examiner: D. MARG

APPROVED FOR DISTRICT OFFICE
 DATE: 7-27-96 *[Signature]*
 (Signature)

APPROVED FOR CENTRAL OFFICE TRAFFIC
 DATE: _____
 (Signature)

APPROVED FOR CENTRAL OFFICE DESIGN
 DATE: 11-20-96 *[Signature]*
 (Signature)

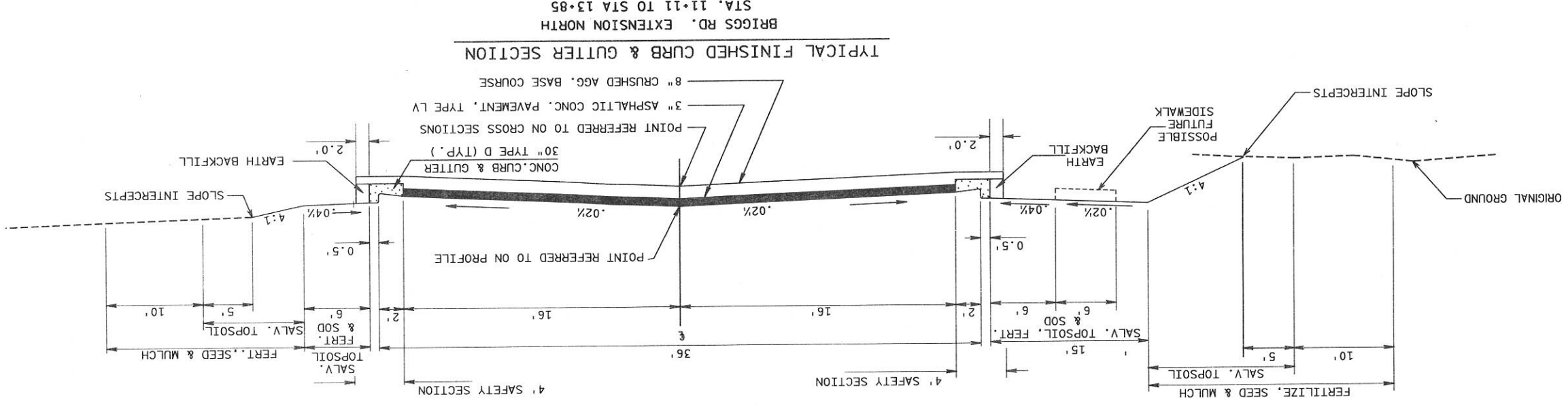
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 LA CROSSE
 1631-2-71
 FEB.
 CHECKED BY:
 BACK CHECKED BY:
 CORRECTED BY:

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.
EXACT LOCATION OF ALL DRIVEWAY ENTRANCES TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
EXCAVATION BELOW SUBGRADE (EBS) IS NOT SHOWN ON THE CROSS SECTIONS. IT WILL BE MEASURED AND PAID FOR AS UNCLASSIFIED EXCAVATION. THE LOCATION FOR EBS WILL BE DETERMINED BY THE ENGINEER.
WHEN THE QUANTITY OF THE ITEM OF BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.
SAWED JOINTS WILL BE REQUIRED WHERE NEW PAV'T. JOINS EXISTING PAV'T. AT SIDE ROADS AND ENDS OF PROJECT. PAYMENT WILL BE BY THE LINEAL FOOT. LOCATIONS WILL BE TABULATED.
SHRINKAGE OF EARTHWORK IS VARIABLE. AN AVERAGE FACTOR FOR UNCLASSIFIED IS 30%.
CURVE DATA IS BASED ON ARC DEFINITION.
UNLESS OTHERWISE AUTHORIZED, THE CONTRACTOR SHALL NOT ORDER OR DELIVER THE STORM SEWER PIPE OR PIPE CULVERTS REO'D. FOR THE PROJECT UNTIL A CORRECTED LIST OF SIZES AND LENGTHS IS FURNISHED BY THE ENGINEER.
SILT FENCE FOR EROSION CONTROL SHALL BE SUITABLE FOR SANDY SOILS.
COORDINATES SHOWN ON THE RIGHT-OF-WAY PLAT ARE GRID COORDINATES. THEY MAY BE CONVERTED TO GROUND COORDINATES BY DIVIDING BY 0.9999433. ALL COORDINATES SHOWN FOR ALIGNMENT ARE GROUND COORDINATES.
ALL BEARINGS ON THE PLANS ARE TRUE BEARINGS.
ALL DISTANCES ARE GROUND DISTANCES. TIES ARE HORIZONTAL UNLESS SHOWN OTHERWISE.
CURB AND GUTTER JOINTS TO BE CONSTRUCTED AT ALL RADIUS POINTS IN THE CURB & GUTTER.
EXPANSION JOINTS TO BE CONSTRUCTED AT ALL RADIUS POINTS IN THE CURB & GUTTER.
ALL CONCRETE PIPE SHALL HAVE JOINT TIES INSTALLED ON THE LAST TWO PIPE JOINTS AND THE ENDWALL JOINT AT BOTH THE INLET AND DISCHARGE ENDS.
CURB AND GUTTER ELEVATIONS ARE TO THE FLANGE.
TACK COAT SHALL BE APPLIED AT 0.025 GAL/S.Y. BETWEEN THE LOWER AND UPPER LAYER.
EXACT LOCATION OF EROSION CONTROL ITEMS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
RADIUS DISTANCE IS TO FLANGE OF CURB UNLESS NOTED OTHERWISE.
EXISTING GAYNOR DRIVE ACCESS TO BE ABANDONED UNDER PROJECT 5991-09-71. CTH "MH" LA CROSSE COUNTY ONCE ACCESS HAS BEEN ESTABLISHED UNDER THIS CONTRACT.

STANDARD DETAIL DRAWINGS

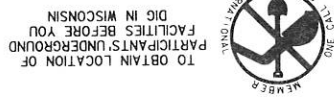
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- 8A5-12d INLET AND MANHOLE COVERS
- 8B6-3 MANHOLES TYPE 1
- 8C1-5 INLETS TYPE 1, 2, 3 AND 4
- 8D1-1 CONCRETE CURB, CONCRETE CURB AND GUTTER AND PAVEMENT TIES
- 8D5-8 CURB RAMPS
- 8E8-2 TYPICAL INSTALLATION OF EROSION BALES
- 8E9-4 SILT FENCE
- 15C2-3 BARRICADES AND SIGNS FOR ROAD CLOSURES



CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

TELEFAX 1-800-338-3860

TDD (FOR HEARING IMPAIRED) 1-800-542-2289
WIS. STATUTE 182.075 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



TO OBTAIN LOCATION OF
PARTICIPANTS UNDERGROUND
FACILITIES BEFORE YOU
DIG IN WISCONSIN

DNR LIAISON
CRAIG THOMPSON
WDMR
3550 WORMON COULEE RD.
LA CROSSE, WI 54601
608-785-9014

DESIGN CONSULTANT CONTACT PERSON
MARTIN J. HANSON 715-834-3161

WISDOT DESIGN CONTACT
ARLYN PROKSCH 608-785-9075

DAIRYLAND POWER COOPERATIVE
3200 EAST AVENUE S.
P.O. BOX 817
LA CROSSE, WI 54602-0817
KURT CHILDS 608-788-4000

MARCUS CABLE
314 MAIN STREET
ONALASKA WI, 54650
TIM FISCHER 608-783-5255

GTE NORTH, INC.
835 RED IRON ROAD
BLACK RIVER FALLS, WI 54615
DON CROGAN 715-284-4373

VILLAGE OF HOLMEN
111 LAKE STREET
HOLMEN, WI 54636
PHIL SCHOLZE 608-526-4336

TREMPEALEAU ELECTRIC COOPERATIVE
P.O. BOX 276
ONALASKA, WI 54650
DAVE WOYICKI 608-323-3381
TIM HOLTEN 608-783-2238

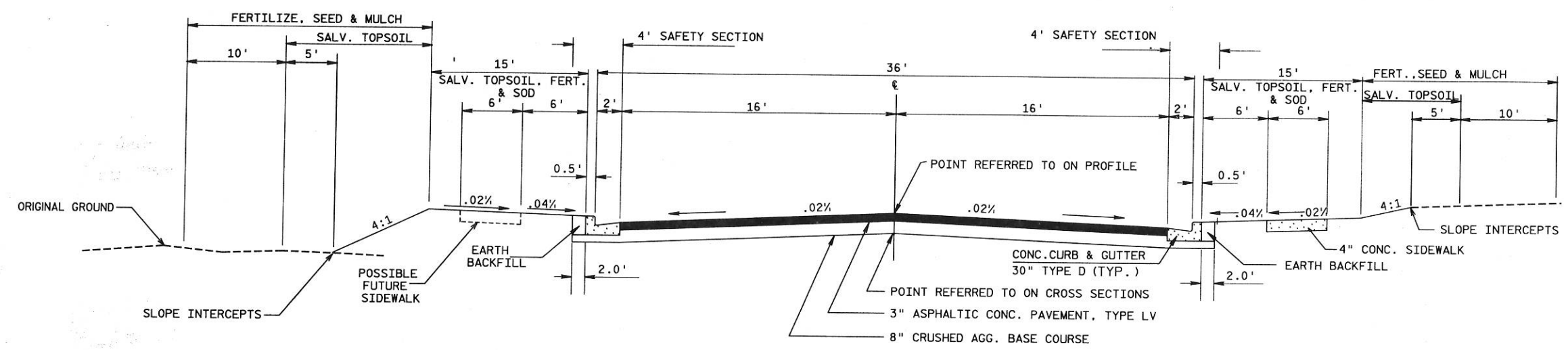
NORTHERN STATES POWER COMPANY
3215 COMMERCIAL ST.
LA CROSSE, WI 54601
ED PRYZTARSKI (GAS) 608-789-3631
MICHAEL MERINGER (ELECTRIC) 608-789-3648
ROD KRAEMER (ELECTRIC) 715-836-1154

GENERAL NOTES, UTILITIES &
TYPICAL SECTIONS
LA CROSSE COUNTY
GAYNOR DR. ACCESS

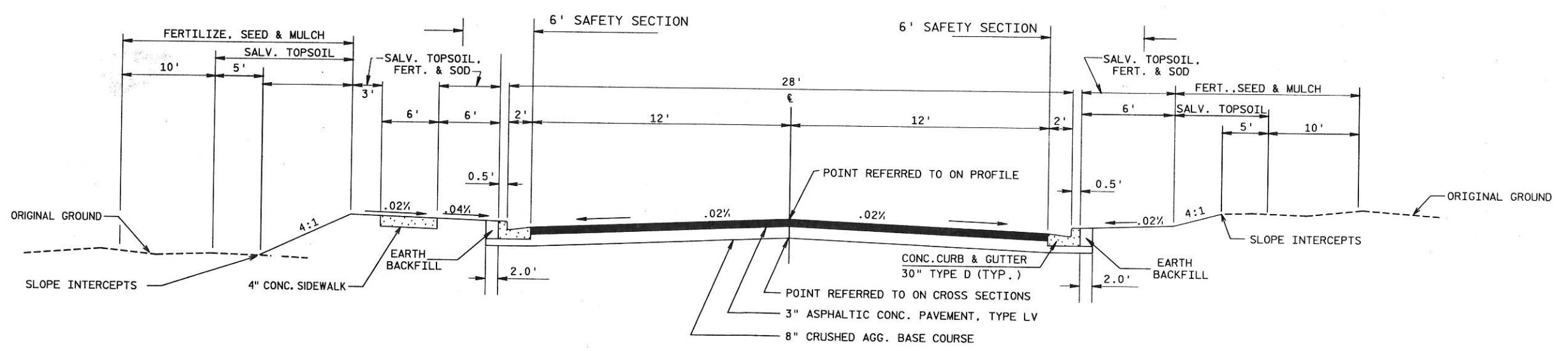
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SHEET NO.
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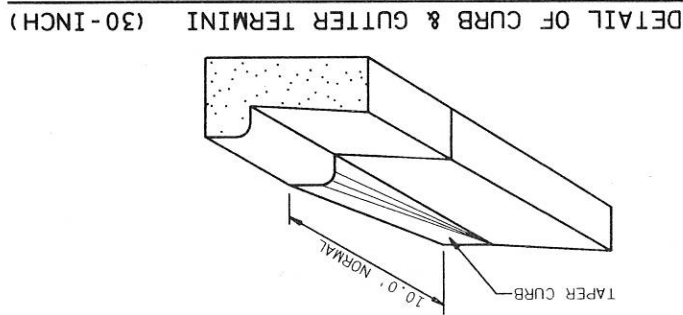
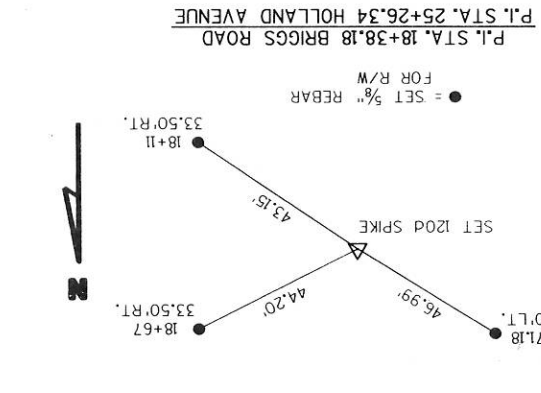
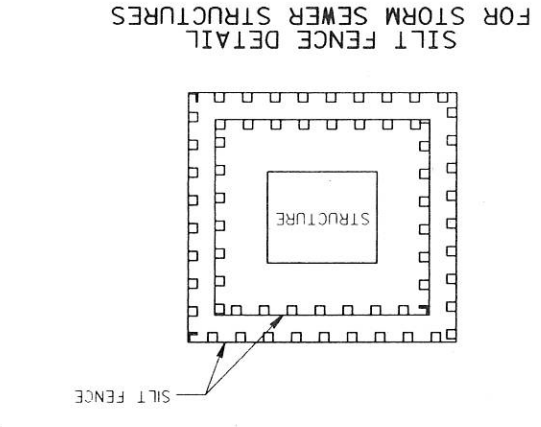
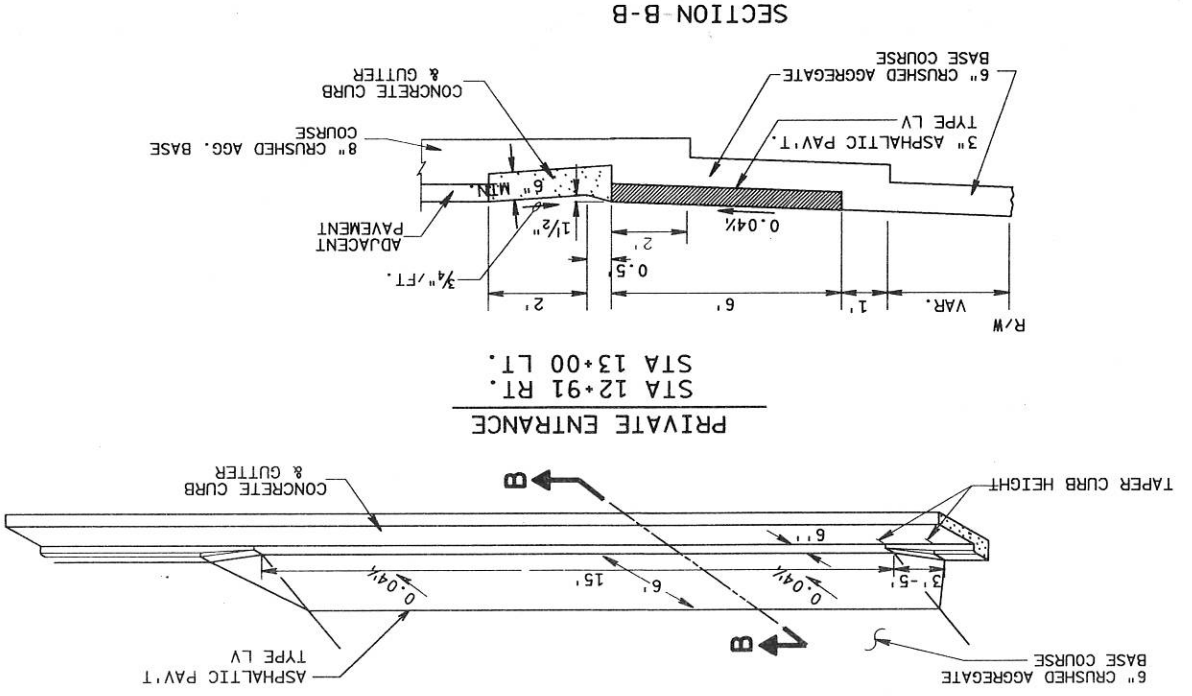
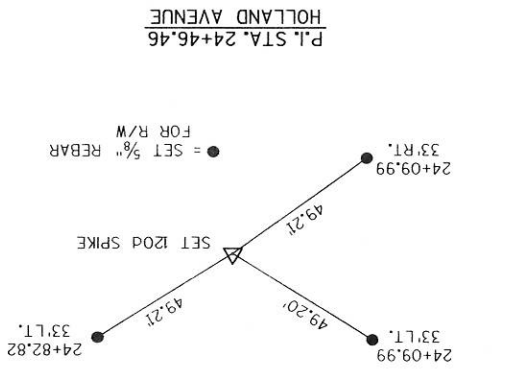
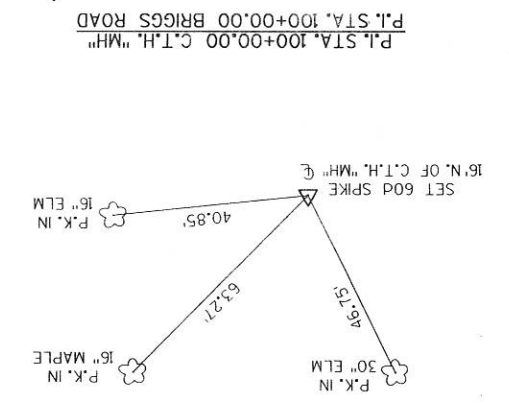
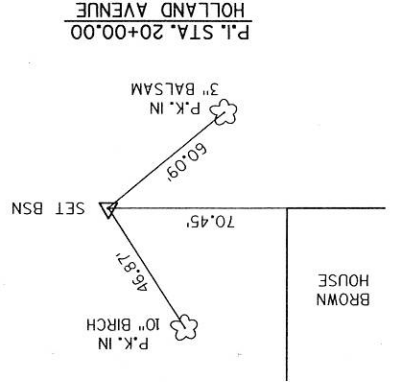
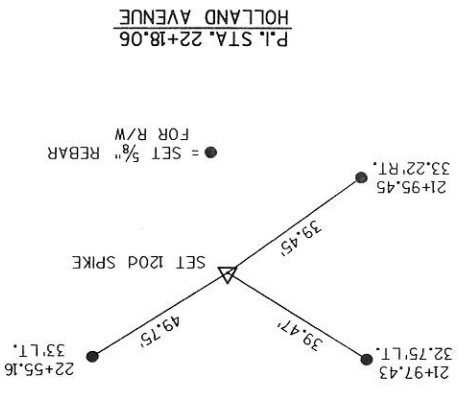
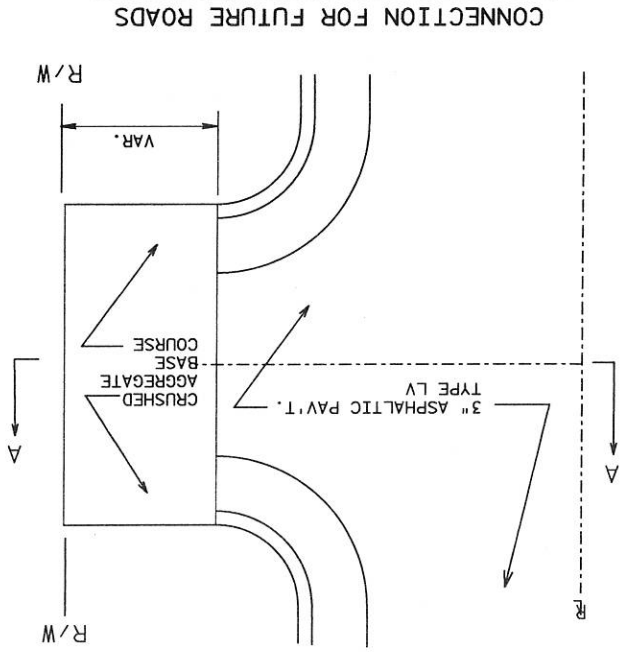
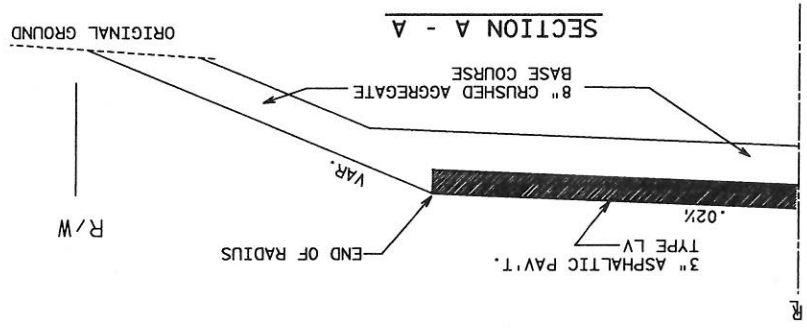
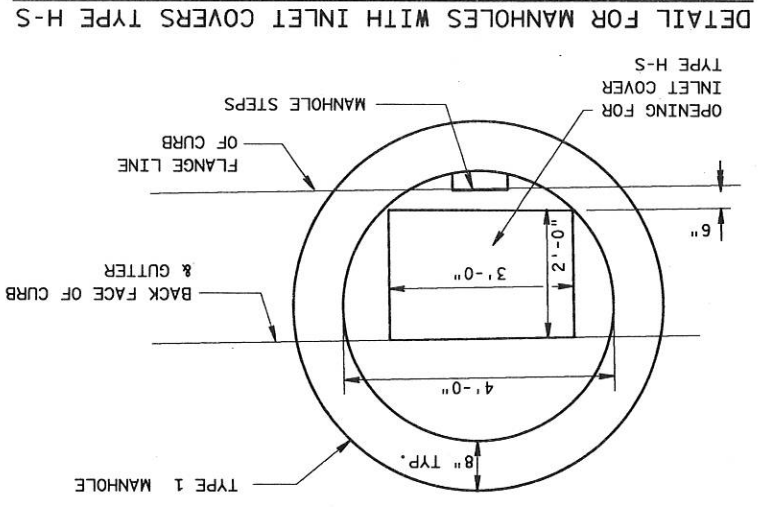
STATE PROJECT NUMBER 1631-02-71	SHEET NO. 2.1
TYPICAL SECTIONS	
GAYNOR DR. ACCESS	LA CROSSE COUNTY



TYPICAL FINISHED CURB & GUTTER SECTION
 BRIGGS RD. EXTENSION NORTH
 STA. 13+85 TO STA 18+75



TYPICAL FINISHED CURB & GUTTER SECTION
 HOLLAND AVE.
 STA. 20+08 TO STA 24+85



STATE PROJECT NUMBER	1631-02-71
SHEET NO.	2.2
CONSTRUCTION DETAILS & ALIGNMENT TIES	
GAYNOR DR. ACCESS LA CROSSE COUNTY	

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STATE PROJECT NUMBER 1631-02-71	SHEET NO. 3A
QUANTITIES	
GAYNOR DR. ACCESS	LA CROSSE COUNTY

STUCTURE NUMBER	ROADWAY	STATION	LOCATION	TYPE M.H. INL.	COVER TYPE	STATUS	**RIM OR FLOWLINE	***TOP OF BOX ELEV.	DISCHARGE ELEV.	TO	INLET ELEV.	FROM	DEPTH FEET	CLASS III S.S. PIPE			% SLOPE	COMMENTS
														12" (L.F.)	15" (L.F.)	24" (L.F.)		
1	HOLLAND	22+50	13.5' RT	--- 3	H-S RT	NEW	711.31	710.48	708.39	2	---	---	2.1	24	---	---	0.30	
2	HOLLAND	22+50	13.5' LT	--- 3	H-S LT	NEW	711.31	710.48	708.32	3	708.32	1	2.2	---	292	---	0.30	
3	BRIGGS	18+38	18.0' RT	1 ---	J	NEW	713.26	712.05	707.44	5	707.44	2	4.6	---	---	36	0.22	
4	BRIGGS	18+00	17.5' LT	--- 3	H-S RT	NEW	713.21	712.38	710.29	5	---	---	2.1	32	---	---	1.00	
5	BRIGGS	18+00	18.0' RT	1 ---	H-S LT	NEW	713.21	712.38	707.36	7	707.36	3	5.0	---	---	222	0.22	
6	BRIGGS	15+75	17.5' LT	--- 3	H-S RT	NEW	714.15	713.32	711.23	7	709.97	4	2.1	---	---	---	---	
7	BRIGGS	15+75	18.0' RT	1 ---	H-S LT	NEW	714.15	713.32	706.87	9	706.87	5	6.5	---	---	238	0.22	
8	BRIGGS	13+35	17.5' LT	--- 3	H-S RT	NEW	720.45	719.62	717.53	9	710.91	6	2.1	---	---	---	1.00	
9	BRIGGS	13+35	18.0' RT	1 ---	H-S LT	NEW	720.45	719.62	706.35	100	706.35	7	13.3	---	---	212*	0.22	CONNECT TO 8' STUB BY OTHERS EL. 705.88
---	---	---	---	---	---	---	---	---	---	---	717.21	8	---	---	---	---	---	
TOTALS														120	292	496	CL. III	
* CLASS IV STORM SEWER PIPE REQUIRED																212	CL. IV	

** FLOWLINE AND RIM ELEVATIONS ARE AT THE FLOWLINE OF THE GUTTER AND ARE DEPRESSED 1" BELOW THE NORMAL GUTTER FLOWLINE.

*** TOP OF BOX ELEVATIONS ARE FLOWLINE/RIM ELEVATIONS MINUS CASTING DEPTH AND 6" FOR ADJUSTING RINGS.

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Conventional Signs and Abbreviations

LINES & SYMBOLS

- | | |
|-------------------------------|--|
| STATE | NOTATION FOR COMBUSTIBLE FLUIDS |
| COUNTY | BRIDGE |
| TOWNSHIP & RANGE | STREAM OR RIVER |
| QUARTER | CHANNEL CHANGE |
| SIXTEENTH | LAKE |
| NEW CENTERLINE | RAIL LINE |
| NEW R/W | NO ACCESS (BY STATUTORY AUTHORITY) |
| EXISTING R/W | BUSHES |
| PROPERTY LINE | CEMETERY |
| CORPORATE LIMITS | FOUNDATION OR RUINS BUILDING |
| NO ACCESS (BY ACQUISITION) | SILO, MANHOLE, WELL, VENT, SEPTIC TANK, ETC. |
| ACCESS (ACQUIRED PREVIOUSLY) | TREES (DECIDUOUS) |
| LIMITED EASEMENT | TREES (CONIFEROUS) |
| FENCE | |
| BEAM GUARD | |
| SECTION CORNER | |
| CULVERT (BOX, PIPE OR CATTLE) | |
| LOT & TIE | |
| SLOPE INTERCEPTS | |
| UNDERGROUND UTILITIES | |
| IRON PIN/PIPE | |
| POWER POLE | |
| TELEPHONE POLE | |
| TELEPHONE PEDESTAL | |
| MONUMENTED R/W POINT | |

ABBREVIATIONS

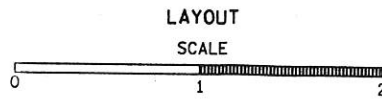
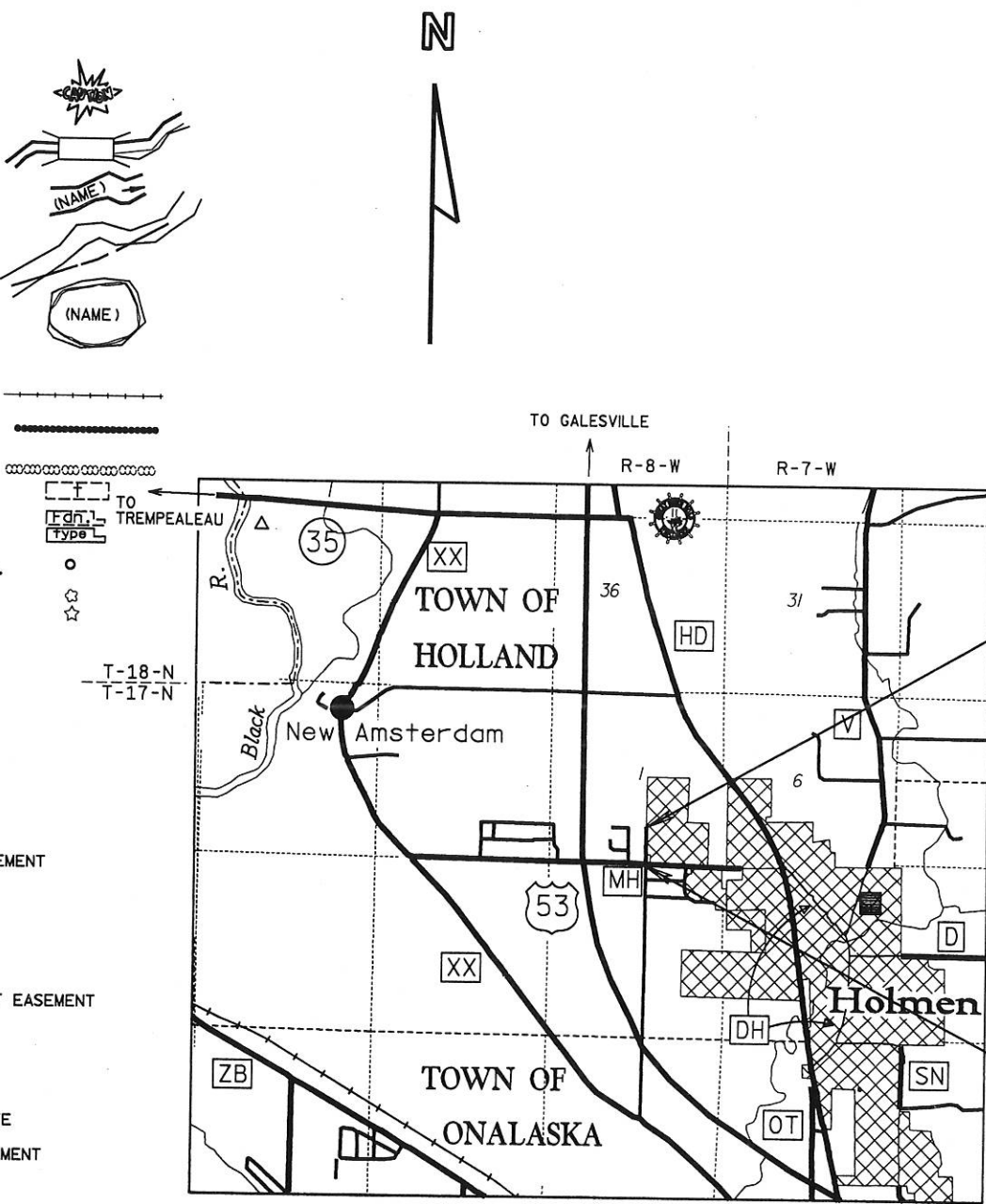
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|-----------------------------|--|
| A.P. ACCESS POINT | L.C. LONG CHORD |
| AC. ACRES | L.C.B. LONG CHORD BEARING |
| A.H. AHEAD | M.H. MANHOLE |
| ALUM. ALUMINUM | MON. MONUMENT |
| ET.AL. AND OTHERS | O.L. OUTLOT |
| BK. BACK | P. PAGE |
| BIT. BITUMINOUS | P.K. PARKER-KALON |
| C.M. CABLE MARKER | P.L.E. PERMANENT LIMITED EASEMENT |
| € CENTERLINE | P.C. POINT OF CURVATURE |
| C.T.H. COUNTY TRUNK HIGHWAY | P.I. POINT OF INTERSECTION |
| C.S.M. CERTIFIED SURVEY MAP | P.T. POINT OF TANGENCY |
| CONC. CONCRETE | P.L. PROPERTY LINE |
| COR. CORNER | R. RADIUS |
| CULV. CULVERT | R.R. RAILROAD |
| d/b/a DOING BUSINESS AS | R. REFERENCE LINE |
| E ELECTRIC | R.D.E. RESTRICTED DEVELOPMENT EASEMENT |
| FDN. FOUNDATION | RT. RIGHT |
| G. GARAGE | R/W RIGHT OF WAY |
| G.M. GAS MARKER | SEC. SECTION |
| G.P. GAS PUMPS | S. SHED |
| H. HOUSE | S.T.H. STATE TRUNK HIGHWAY |
| I.P. IRON PIPE | STA. STATION |
| L.C. LAND CONTRACT | T. TANGENT LENGTH OF CURVE |
| LT. LEFT | TAV. TAVERN |
| L. LENGTH OF CURVE | T.L.E. TEMPORARY LIMITED EASEMENT |
| | X. EAST COORDINATE |
| | Y. NORTH COORDINATE |

NOTES

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COORDINATE SYSTEM SOUTH ZONE. ALL PLAT DISTANCES ARE GROUND LENGTH AND MAY BE CONVERTED TO GRID LENGTH BY MULTIPLYING THE DISTANCE BY THE GRID FACTOR PROVIDED ON THE DETAIL SHEETS.

RIGHT OF WAY MONUMENTS ARE TYPE 2 AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.



TOTAL NET LENGTH OF CENTERLINE = 0.149 MI. (BRIGGS RD. EXTENSION)
 TOTAL NET LENGTH OF CENTERLINE = 0.095 MI. (HOLLAND AVE.)

R/W PROJECT NUMBER 1631-02-21	SHEET NUMBER 4.0	TOTAL SHEETS 2
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR U.S.H. 53 / C.T.H. "MH" INTERCHANGE		
GAYNOR DR. ACCESS	LA CROSSE COUNTY	
1631-2-71	4.0	

THIS PLAT WAS PREPARED AT THE REQUEST OF THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION - DISTRICT 5. THE FIELD SURVEYS WERE PERFORMED NOVEMBER 10, 1992 & NOVEMBER 30, 1993 & JANUARY 10, 1995.

THIS SURVEY IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Evelyn L. Ferneding
 EVELYN L. FERNEDING, RLS
 S-1669



END RELOCATION ORDER
 1102.06' N. OF AND 20.39' E. OF THE
 S 1/4 COR. OF SEC. 1, T17N, R8W

BEGIN RELOCATION ORDER
 33.00' N. OF AND 0.61' E. OF THE
 S 1/4 COR. OF SEC. 1, T17N, R8W

PREPARED BY
 OWEN AYRES & ASSOCIATES INC.
 CONSULTING ENGINEERS
 EAU CLAIRE WISCONSIN

DATE: 7-21-95

REVISION DATE: _____
 STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

APPROVED:
 DATE: 5/1/96
 DISTRICT TRANSPORTATION DIRECTOR

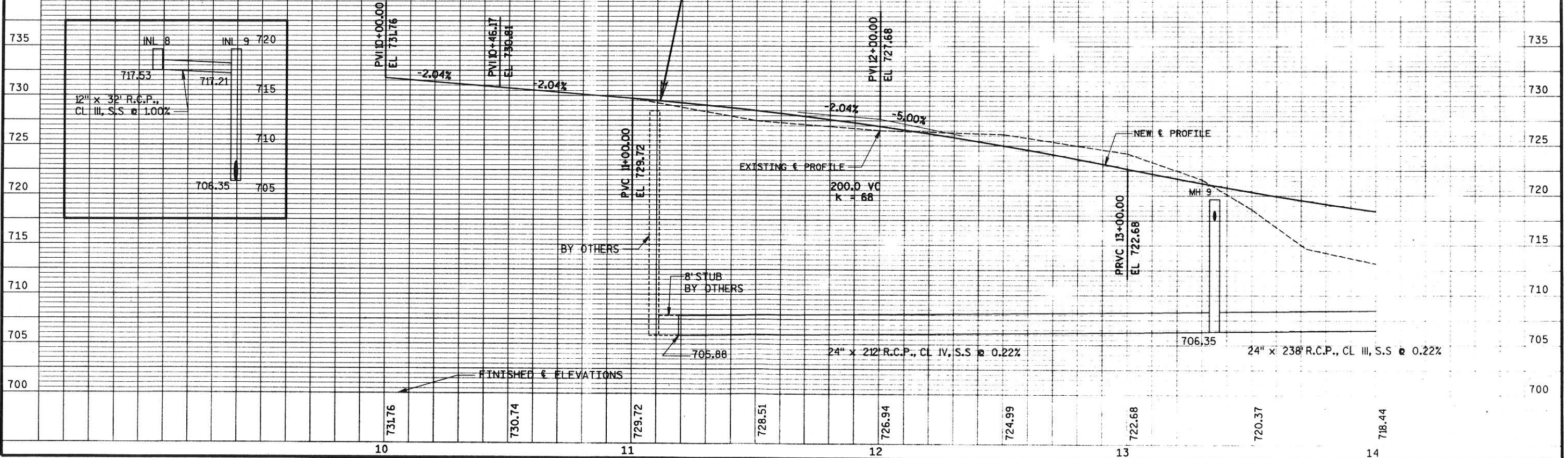
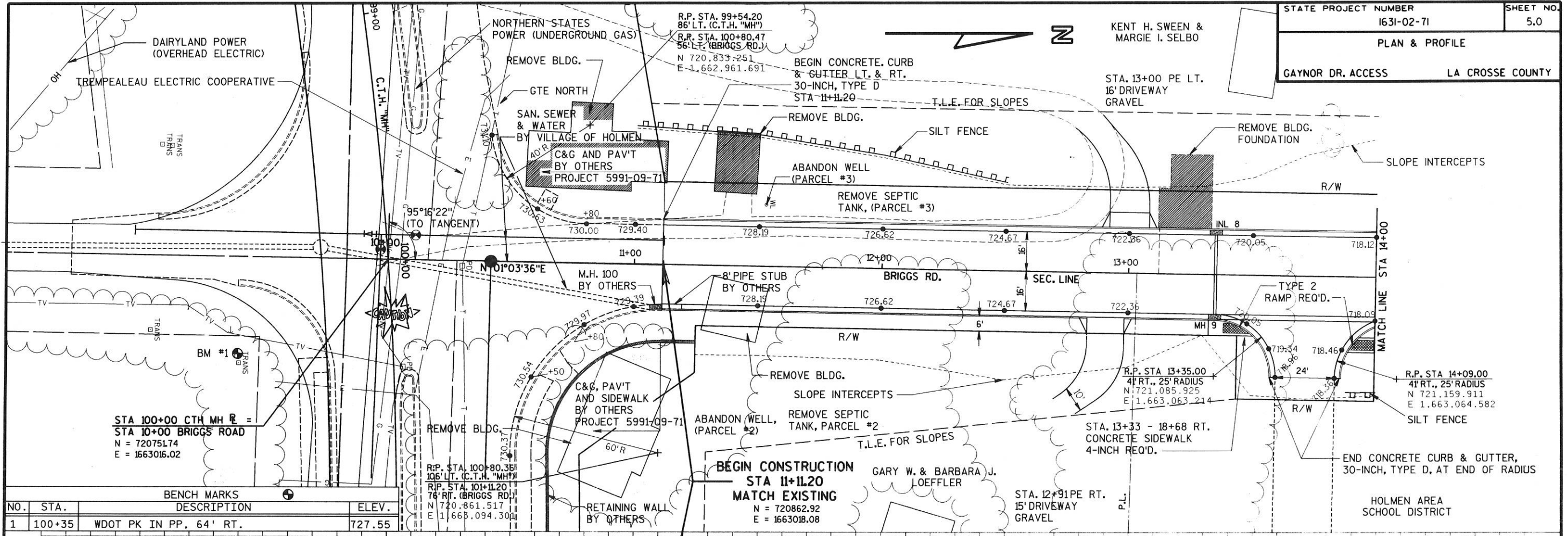
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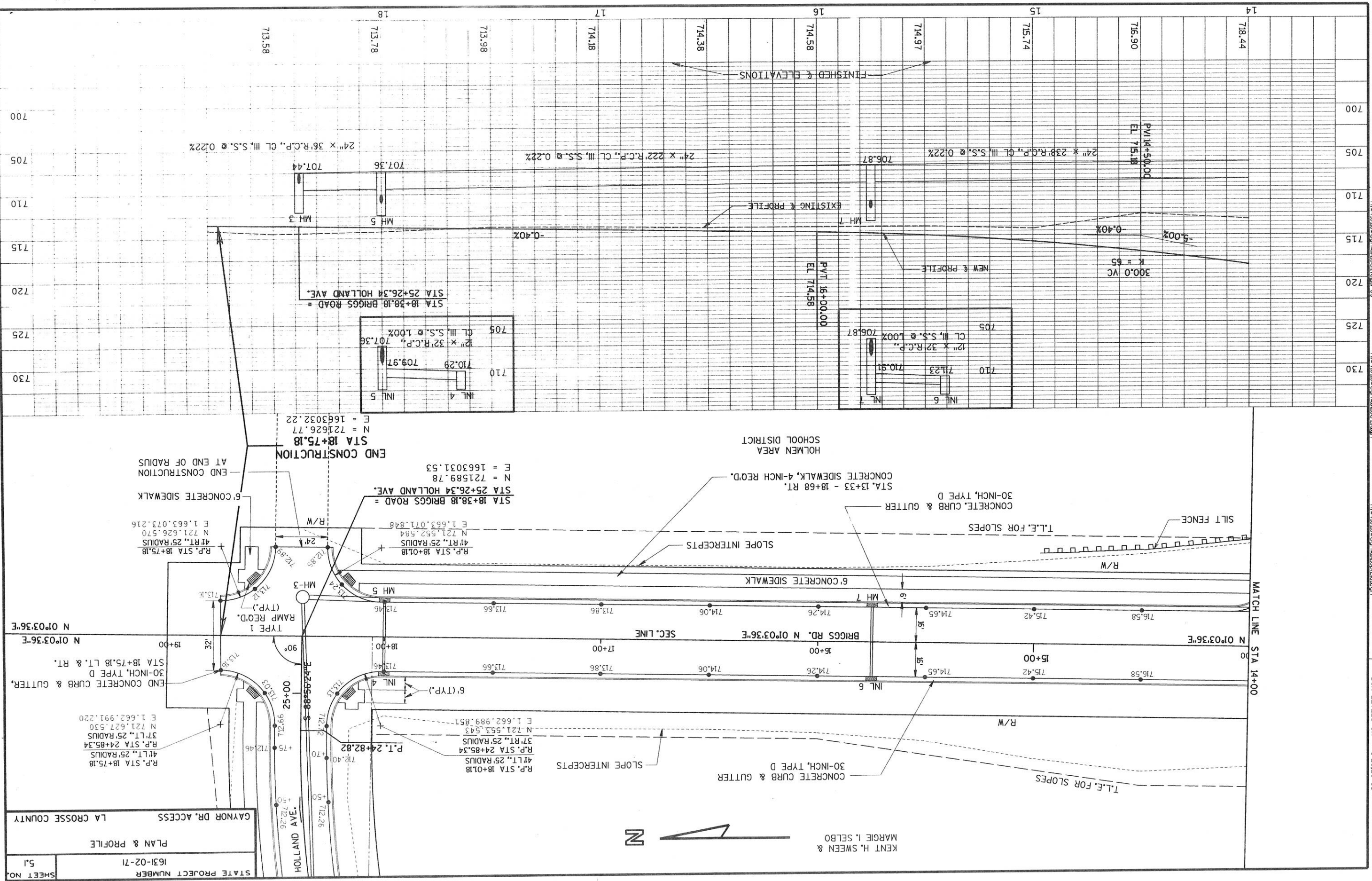
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STATE PROJECT NUMBER 1631-02-71
 SHEET NO. 51
 PLAN & PROFILE
 GAYNOR DR. ACCESS
 LA CROSSE COUNTY

R.P. STA 18+75.18
 41' LT., 25' RADIUS
 R.P. STA 24+85.34
 37' LT., 25' RADIUS
 N 721.627.530
 E 1.662.991.220

R.P. STA 18+75.18
 41' LT., 25' RADIUS
 R.P. STA 24+85.34
 37' LT., 25' RADIUS
 N 721.627.530
 E 1.662.991.220

R.P. STA 18+01.18
 41' LT., 25' RADIUS
 R.P. STA 24+85.34
 37' RT., 25' RADIUS
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R.P. STA 18+01.18
 41' LT., 25' RADIUS
 R.P. STA 24+85.34
 37' RT., 25' RADIUS
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R.P. STA 18+01.18
 41' RT., 25' RADIUS
 R.P. STA 18+75.18
 41' RT., 25' RADIUS
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STA 18+75.18
 N = 721626.77
 E = 1663032.22

STA 18+38.18 BRIGGS ROAD =
 N = 721589.78
 E = 1663031.53

STA 25+26.34 HOLLAND AVE.
 N = 721589.78
 E = 1663031.53

END CONSTRUCTION
 AT END OF RADIUS

END CONSTRUCTION
 AT END OF RADIUS

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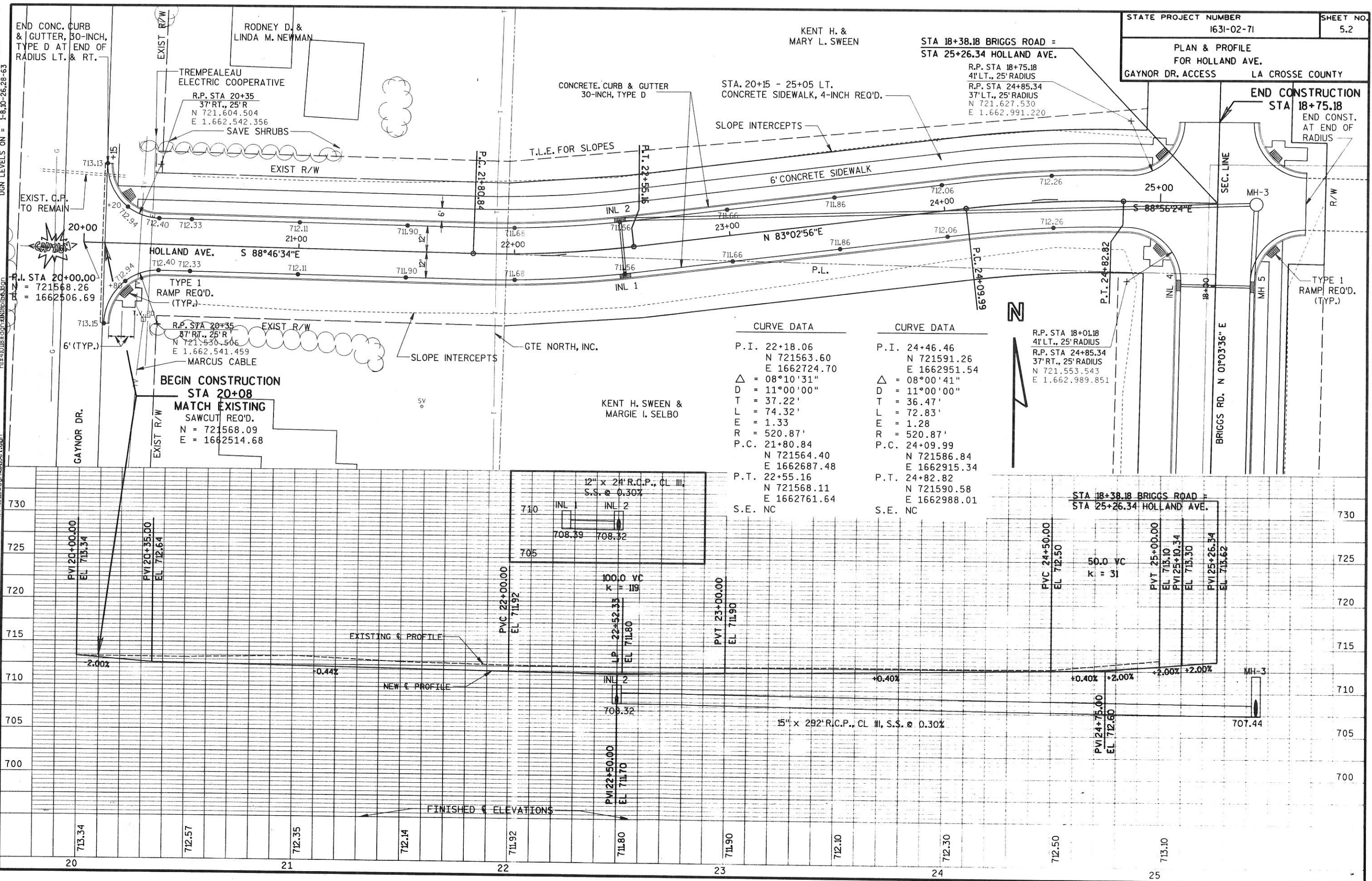
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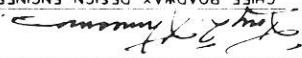
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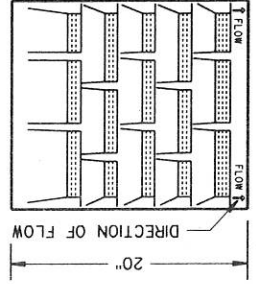
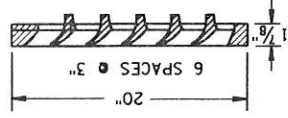
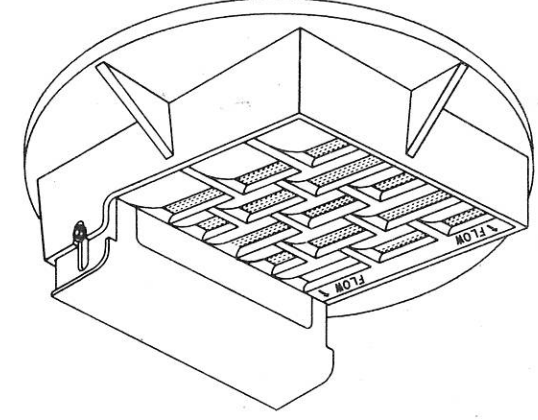
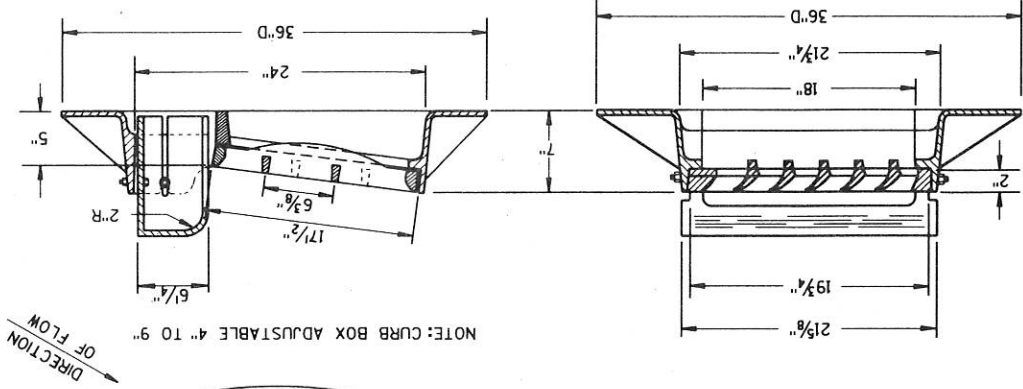
PROJ. NO. DATE:
 OFFICE: EAU SURVEY PLOT: DATE:
 PREL: DATE:
 FINAL: DATE:



INLET COVERS
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED  CHIEF ROADWAY DESIGN ENGINEER DATE 06/11/94 F.H.W.A.

(APPROXIMATE WEIGHT 350 LBS.)
 FRAME..... 180 LBS.
 GRATE..... 85 LBS.
 CURB BOX..... 85 LBS.

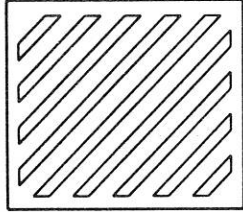
TYPE "A"



(NOTED AS TYPE A-5 ON DRAINAGE TABLE)

GRATE..... 85 LBS.
 (MEASURES 19 7/8" X 17" X 1 1/4")

SPECIAL GRATE FOR TYPE "A" COVER



1" DIAGONAL BARS WITH 1 1/2" OPENINGS

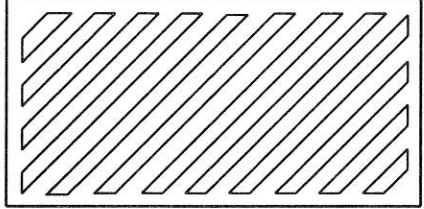
NOTE: GRATE IS REVERSIBLE.

GENERAL NOTES
 DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
 DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH. ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.
 THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.

(NOTED AS TYPE H-5 ON DRAINAGE TABLE)

(MEASURES 35 1/2" X 17 3/4" X 2")
 (APPROXIMATE WEIGHT 170 LBS.)
 GRATE..... 170 LBS.

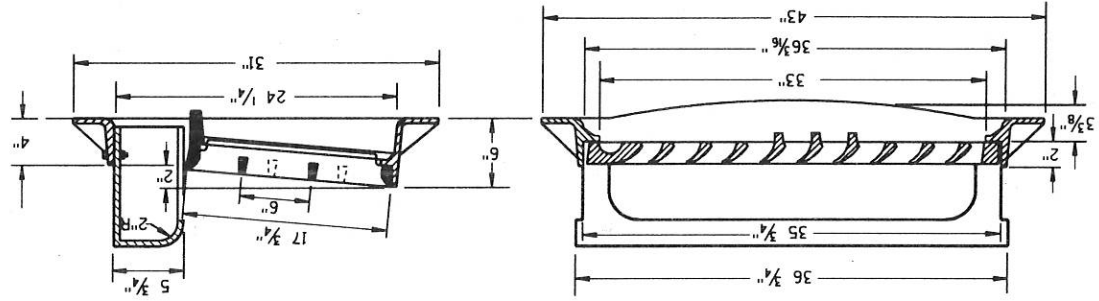
SPECIAL GRATE FOR TYPE "H" COVER



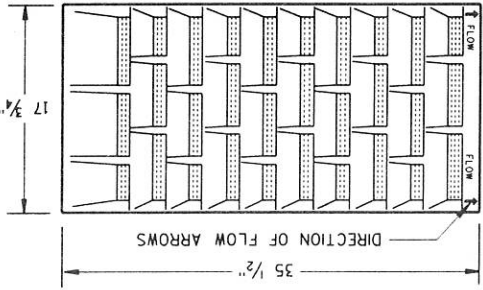
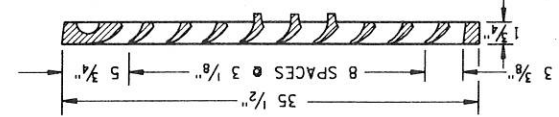
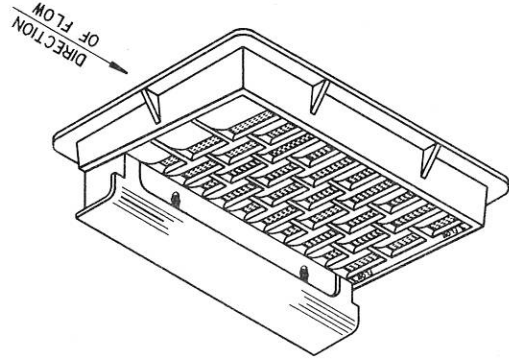
1 3/8" DIAGONAL BARS WITH 1 3/8" OPENINGS

(APPROXIMATE WEIGHT 450 LBS.)
 FRAME..... 205 LBS.
 GRATE..... 130 LBS.
 CURB BOX..... 115 LBS.

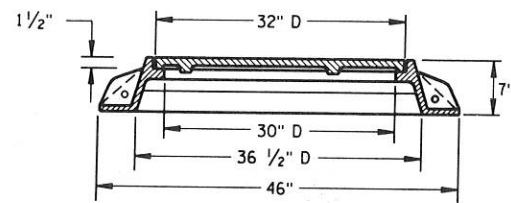
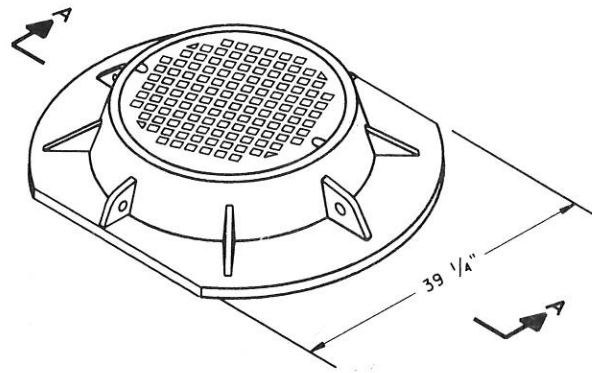
TYPE "H"



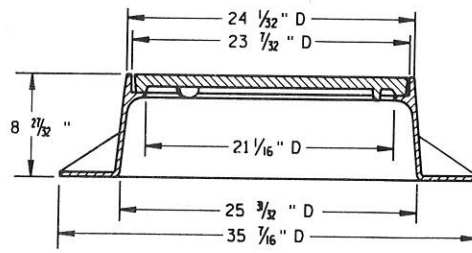
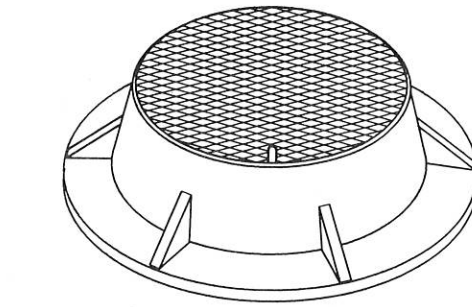
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"



NOTE: GRATE IS REVERSIBLE.



SECTION A-A
TYPE "K"
(APPROXIMATE WEIGHT 415 LBS.)
FRAME..... 210 LBS.
LID..... 205 LBS.



TYPE "J"
(APPROXIMATE WEIGHT 255 LBS.)
FRAME..... 140 LBS.
LID..... 115 LBS.

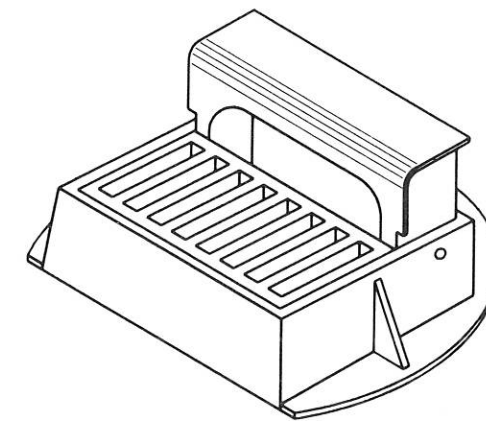
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

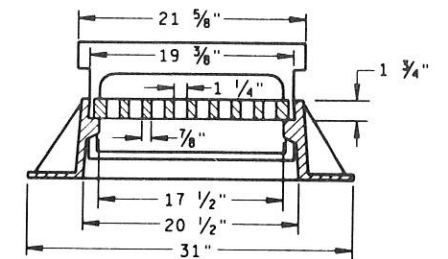
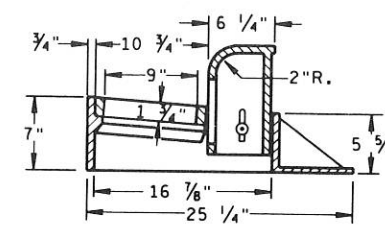
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.

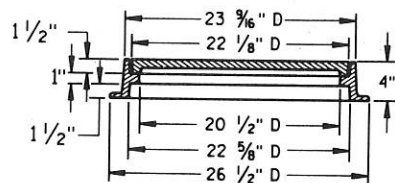
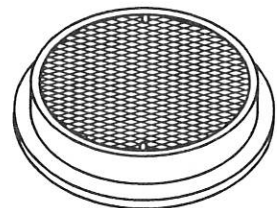


CURB BOX ADJUSTABLE 4" TO 10"

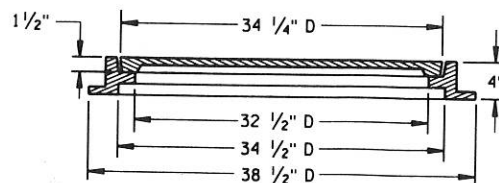
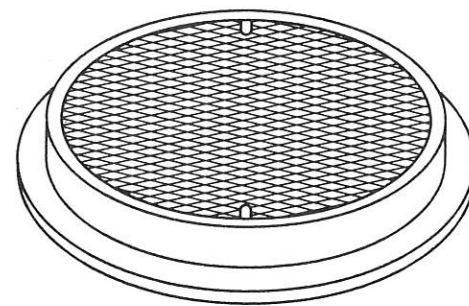


INLET COVER TYPE "Z"

(APPROXIMATE WEIGHT 280 LBS.)
FRAME..... 145 LBS.
GRATE..... 50 LBS.
CURB BOX..... 85 LBS.



TYPE "L"
(APPROXIMATE WEIGHT 145 LBS.)
FRAME..... 75#
LID..... 70#



TYPE "M"
(APPROXIMATE WEIGHT 385 LBS.)
FRAME..... 125#
LID..... 260#

S.D.D. 8 A 5-12d

INLET AND MANHOLE COVERS

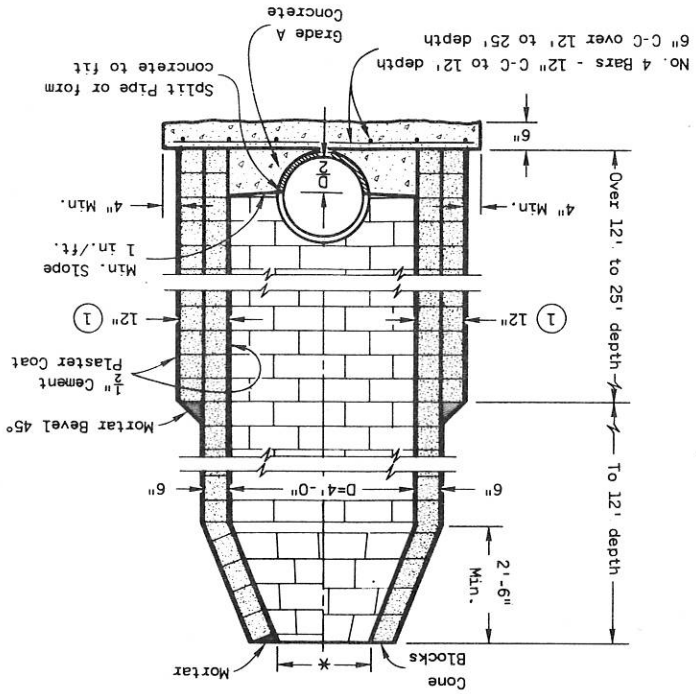
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
DATE 06/11/96
CHIEF ROADWAY DEVELOPMENT ENGINEER

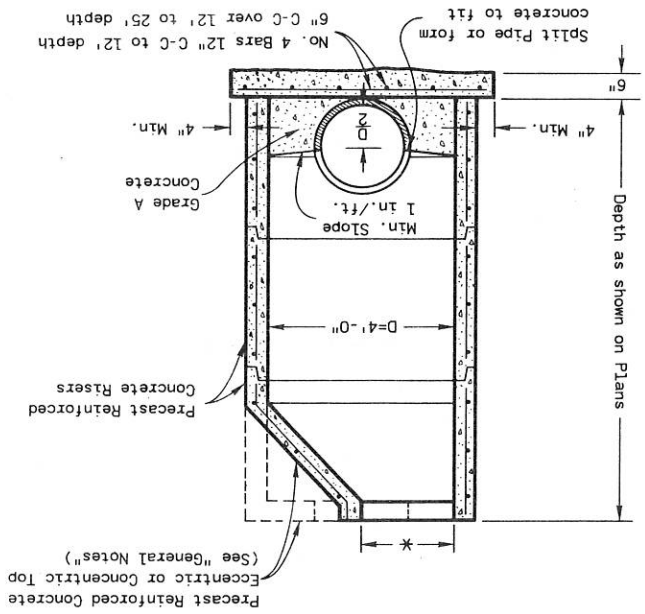
S.D.D. 8 A 5-12d

MANHOLES TYPE 1

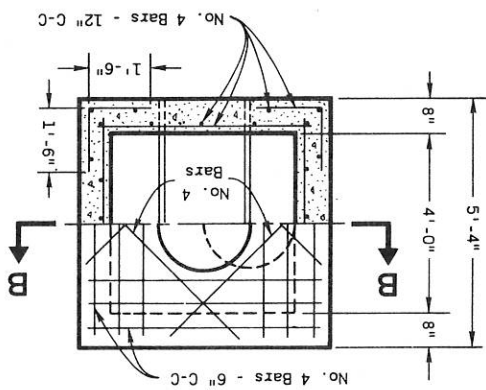
CONCRETE BLOCK



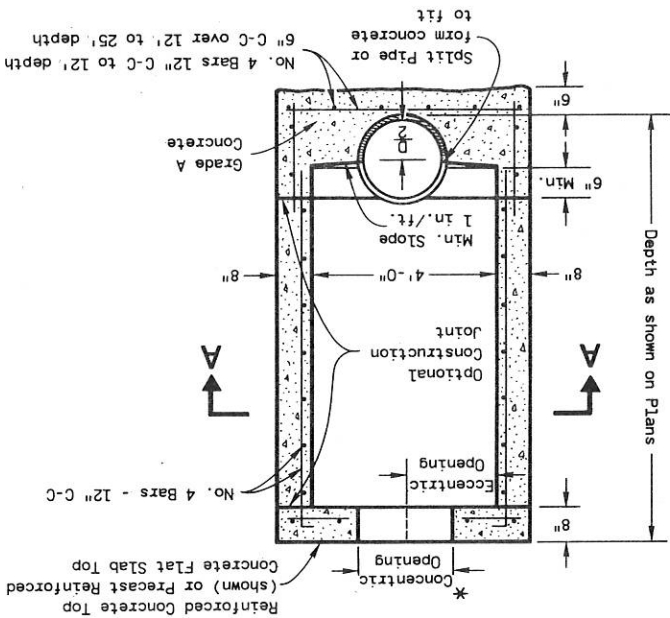
PRECAST REINFORCED CONCRETE



HALF SECTION A-A



SECTION B-B



GENERAL NOTES

- 1 Details of construction, materials and workmanship not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.
- 2 Detailed drawings for proposed alternate designs for underground drainage structures shall be submitted to the Engineer for approval providing that such alternate designs make provision for equivalent capacity and strength.
- 3 All drainage structures are designated on the plans as "Manholes 1-C", "Catch Basins 1-B", "Inlets 3-H", etc. The first digit designates the type of portion of the structure, and the following letter designates the type of cover to be used to comprise the complete unit.
- 4 Precast Reinforced Bases shall be placed on a bed of material at least 6 inches in depth, which meets the requirements for Granular Backfill. This bedding shall be compacted and provide uniform support for the entire area of the base.
- 5 Precast Reinforced Concrete Cone Tops (Eccentric or Concentric) may be used on concrete block structures. The Cone Tops shall be installed on a bed of mortar.
- 6 Eccentric Cone Tops may be used on all structures, and Concentric Cone Tops shall be used only on structures 5 feet or less in depth, unless otherwise directed by the Engineer.
- 7 Steps meeting the following requirements shall be installed in all structures over 5 feet in depth: 16 inch C-C maximum spacing; project a minimum clear distance of 4 inches from the wall at the point of embedment; minimum length of 10 inches; minimum wall embedment of 3 inches; and be capable of supporting a concentrated load of 300 lbs. Ferrous metal steps not painted or treated to resist corrosion shall have a minimum cross sectional dimension of 1 inch.
- 8 Solid Aluminum steps shall have a minimum cross sectional dimension of 0.75 inch. Aluminum surfaces to be embedded in concrete shall be given one coat of suitable quality paint, such as zinc chromate primer conforming to Federal Specification TT-P-645 or equivalent. Steps of approved Polypropylene plastic coated reinforcement bar will be acceptable.
- 9 All bar steel reinforcement shall be embedded 2 inches clear unless otherwise shown or noted.
- 10 Precast Reinforced Concrete Risers may be placed with tongue up or down.
- 11 All Precast Inlet Units shall conform to the pertinent requirements of AASHTO Designation M 199.
- 12 * Use 2'-0" diameter opening with Type "C", "L" and "J" covers, or 3'-0" diameter with Type "K" and "M" covers.
- 13 1 2 courses 6" block.

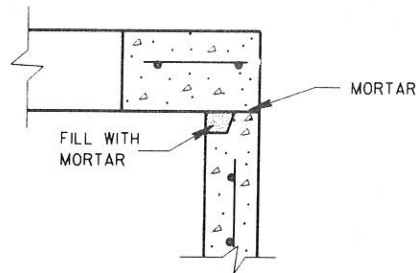
MANHOLES TYPE 1

State of Wisconsin
Department of Transportation

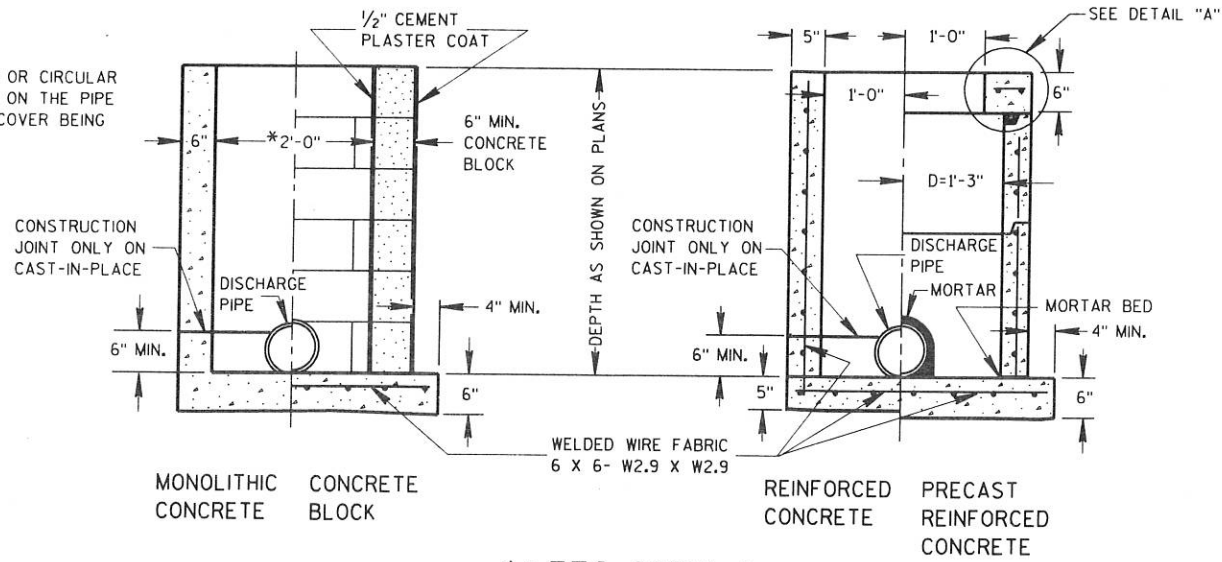
APPROVED
4-13-82
[Signature]

S.D.D. 8 B 6-3

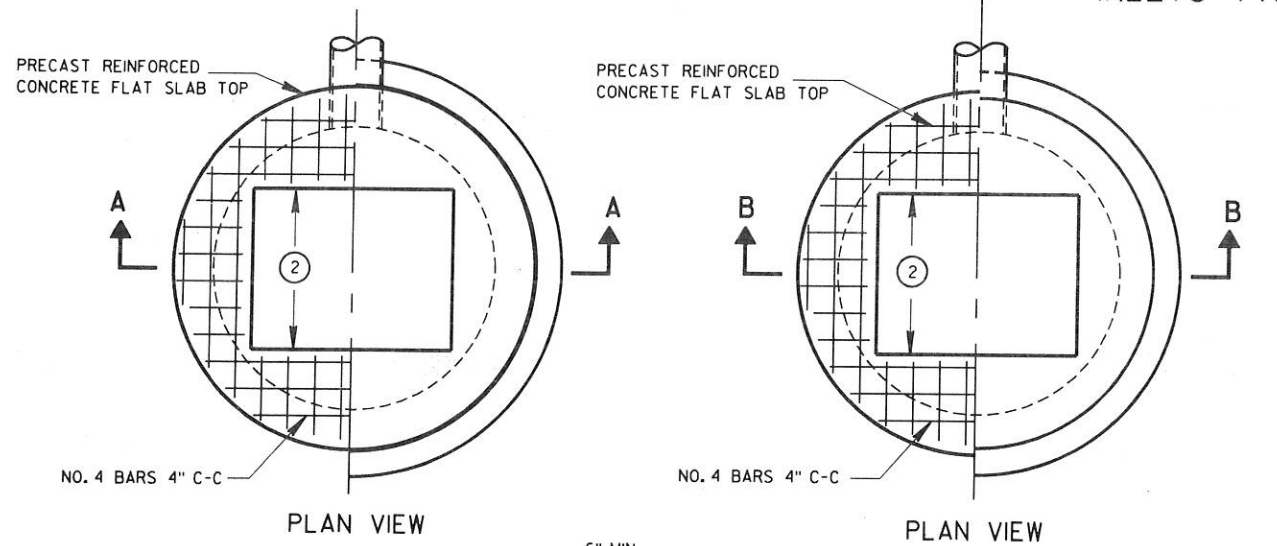
*SELECTION OF SQUARE OR CIRCULAR DESIGN WILL BE BASED ON THE PIPE SIZES AND THE INLET COVER BEING UTILIZED



DETAIL "A"

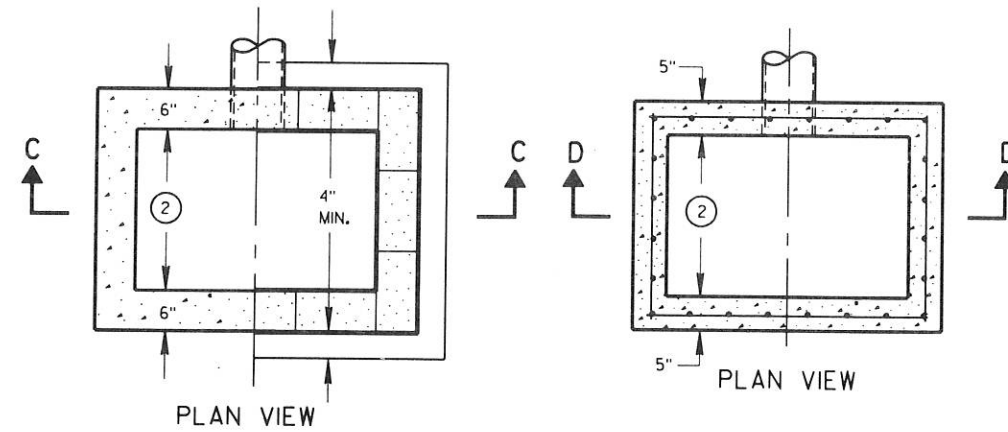


INLETS TYPE 1



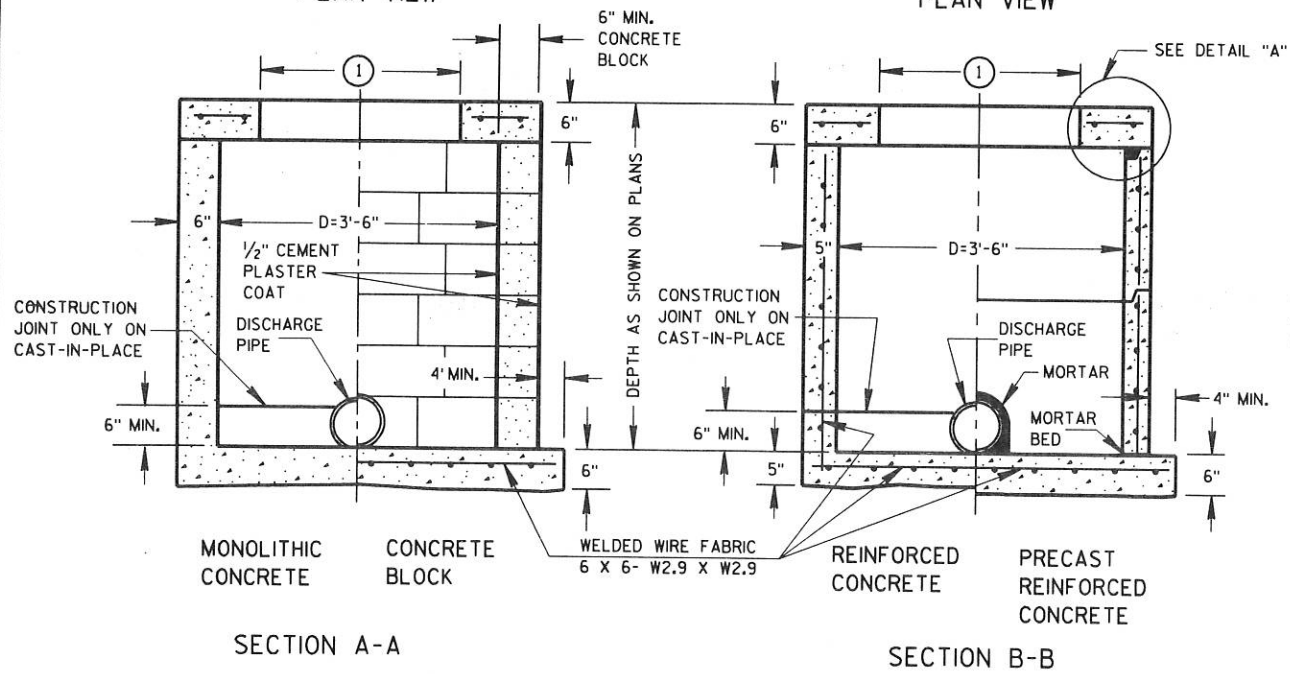
PLAN VIEW

PLAN VIEW



PLAN VIEW

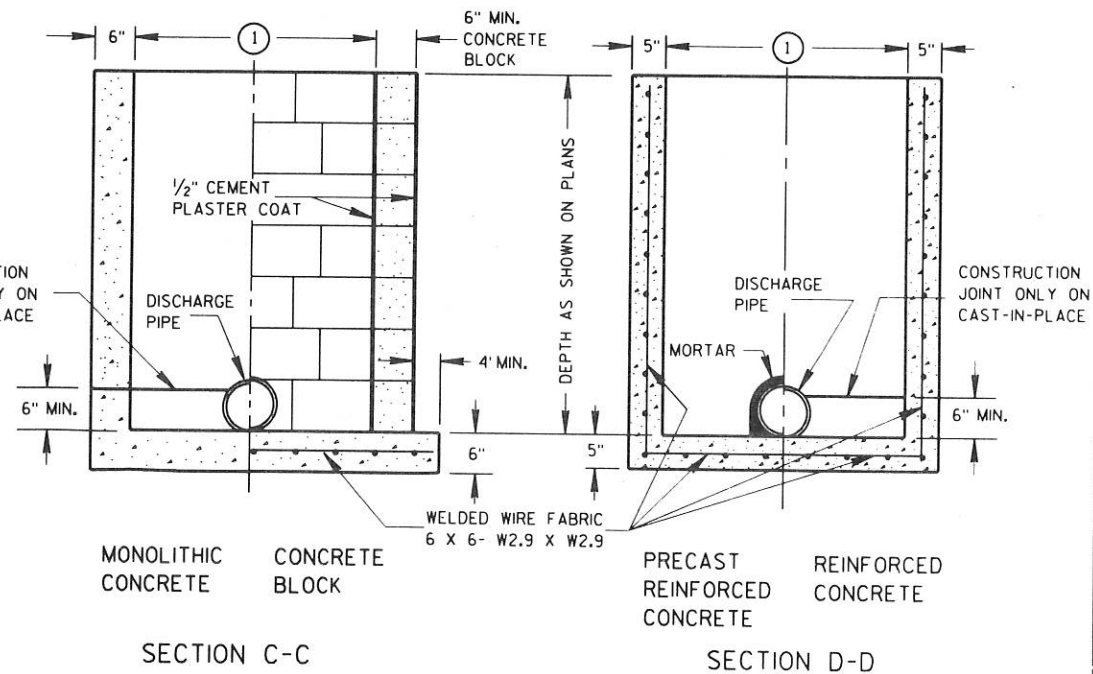
PLAN VIEW



SECTION A-A

SECTION B-B

INLETS TYPE 2, 3 & 4



MONOLITHIC CONCRETE CONCRETE BLOCK

PRECAST REINFORCED CONCRETE REINFORCED CONCRETE

SECTION C-C

SECTION D-D

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 1-C", "CATCH BASINS 1-B", "INLETS 3-H", ETC. THE FIRST DIGIT DESIGNATES THE MASONRY PORTION OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON THE STRUCTURES. THE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED CONCRETE RISERS SHALL BE PLACED WITH TONGUE DOWN.

- ① USE 2'-6" OPENING FOR TYPE 2 INLETS, 3'-0" OPENING FOR TYPE 3 INLETS, AND 2'-11" FOR TYPE 4 INLETS.
- ② USE 2'-0" OPENING FOR TYPE 1, 2 & 3 INLETS, 2'-6 1/2" OPENING FOR TYPE 4 INLETS.

INLETS TYPE 1, 2, 3 & 4

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
01/26/94
DATE
Roy L. Johnson
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

PEN TABLE = #PLOT72+LASER+V80ppshnt.dbl
 DATE OF PLOT: 03/18/96
 DESIGN FILE = m+4101B+dm+01B+wt+sdgn
 DGN LEVELS ON = 1-63

Conventional Signs and Abbreviations

LINES & SYMBOLS

STATE	-----	NOTATION FOR COMBUSTIBLE FLUIDS	
COUNTY	-----	BRIDGE	
TOWNSHIP & RANGE	-----	STREAM OR RIVER	
QUARTER	-----	CHANNEL CHANGE	
SIXTEENTH	-----	LAKE	
NEW CENTERLINE	-----	RAIL LINE	
NEW R/W	-----	NO ACCESS (BY STATUTORY AUTHORITY)	
EXISTING R/W	-----	BUSHES	
PROPERTY LINE	-----	CEMETERY	
CORPORATE LIMITS	-----	FOUNDATION OR RUINS	
NO ACCESS (BY ACQUISITION)	-----	BUILDING	
ACCESS (ACQUIRED PREVIOUSLY)	-----	SILO, MANHOLE, WELL, VENT, SEPTIC TANK, ETC.	
LIMITED EASEMENT	-----	TREES (DECIDUOUS)	
FENCE	-----	TREES (CONIFEROUS)	
BEAM GUARD	-----		
SECTION CORNER			
CULVERT (BOX, PIPE OR CATTLE)			
LOT & TIE	-----		
SLOPE INTERCEPTS	-----		
UNDERGROUND UTILITIES	-----		
IRON PIN/PIPE			
POWER POLE			
TELEPHONE POLE			
TELEPHONE PEDESTAL			
MONUMENTED R/W POINT			

ABBREVIATIONS

A.P.	ACCESS POINT	L.C.	LONG CHORD
AC.	ACRES	L.C.B.	LONG CHORD BEARING
A.H.	AHEAD	M.H.	MANHOLE
ALUM.	ALUMINUM	MON.	MONUMENT
ET.AL.	AND OTHERS	O.L.	OUTLOT
BK.	BACK	P.	PAGE
BIT.	BITUMINOUS	P.K.	PARKER-KALON
C.M.	CABLE MARKER	P.L.E.	PERMANENT LIMITED EASEMENT
CL	CENTERLINE	P.C.	POINT OF CURVATURE
C.T.H.	COUNTY TRUNK HIGHWAY	P.I.	POINT OF INTERSECTION
C.S.M.	CERTIFIED SURVEY MAP	P.T.	POINT OF TANGENCY
CONC.	CONCRETE	P.L.	PROPERTY LINE
COR.	CORNER	R	RADIUS
CULV.	CULVERT	R.R.	RAILROAD
d/b/a	DOING BUSINESS AS	R	REFERENCE LINE
E	ELECTRIC	R.D.E.	RESTRICTED DEVELOPMENT EASEMENT
FDN.	FOUNDATION	RT.	RIGHT
G.	GARAGE	R/W	RIGHT OF WAY
G.M.	GAS MARKER	SEC.	SECTION
G.P.	GAS PUMPS	S	SHED
H.	HOUSE	S.T.H.	STATE TRUNK HIGHWAY
I.P.	IRON PIPE	STA.	STATION
L.C.	LAND CONTRACT	T	TANGENT LENGTH OF CURVE
LT.	LEFT	TAV.	TAVERN
L	LENGTH OF CURVE	T.L.E.	TEMPORARY LIMITED EASEMENT
		X	EAST COORDINATE
		Y	NORTH COORDINATE

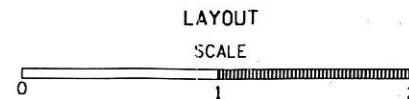
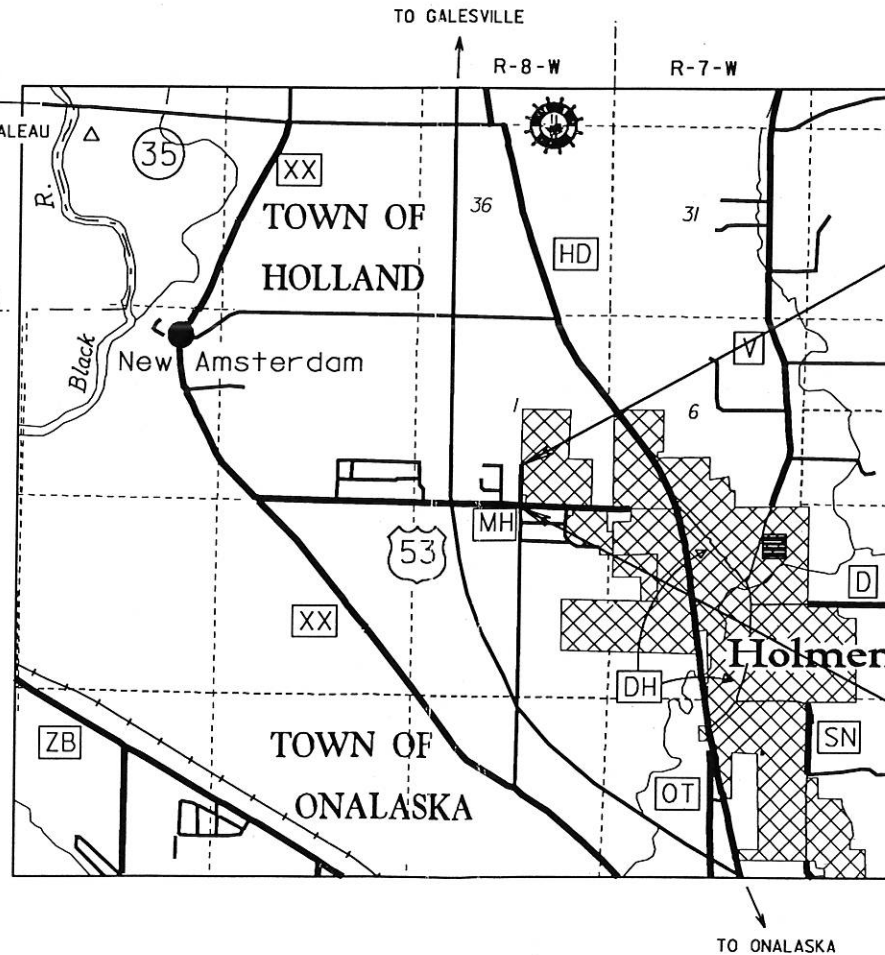
NOTES

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COORDINATE SYSTEM SOUTH ZONE. ALL PLAT DISTANCES ARE GROUND LENGTH AND MAY BE CONVERTED TO GRID LENGTH BY MULTIPLYING THE DISTANCE BY THE GRID FACTOR PROVIDED ON THE DETAIL SHEETS.

RIGHT OF WAY MONUMENTS ARE TYPE 2 AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

N



TOTAL NET LENGTH OF CENTERLINE = 0.149 MI. (BRIGGS RD. EXTENSION)
 TOTAL NET LENGTH OF CENTERLINE = 0.095 MI. (HOLLAND AVE.)

R/W PROJECT NUMBER 1631-02-21	SHEET NUMBER 4.0	TOTAL SHEETS 2
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR U.S.H. 53 / C.T.H. "MH" INTERCHANGE		
GAYNOR DR. ACCESS		LA CROSSE COUNTY

THIS PLAT WAS PREPARED AT THE REQUEST OF THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION - DISTRICT 5. THE FIELD SURVEYS WERE PERFORMED NOVEMBER 10, 1992 & NOVEMBER 30, 1993 & JANUARY 10, 1995.

THIS SURVEY IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

EVELYN L. FERNEDING, RLS S-1669

END RELOCATION ORDER

1102.06' N. OF AND 20.39' E. OF THE S 1/4 COR. OF SEC. 1, T17N, R8W

BEGIN RELOCATION ORDER

33.00' N. OF AND 0.61' E. OF THE S 1/4 COR. OF SEC. 1, T17N, R8W

PREPARED BY
 OWEN AYRES & ASSOCIATES INC.
 CONSULTING ENGINEERS
 EAU CLAIRE WISCONSIN

DATE: _____

REVISION DATE: _____

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

APPROVED:
 DATE: 5/1/96
 DISTRICT TRANSPORTATION DIRECTOR

PROJ. NO.:
 OFFICE: EAU
 SURVEY PLOT:
 PREL.:
 FINAL:

DATE:
 DATE:
 DATE:

PLAN NO. 370

PLAN NO. 370