

**UTILITY NOTE**

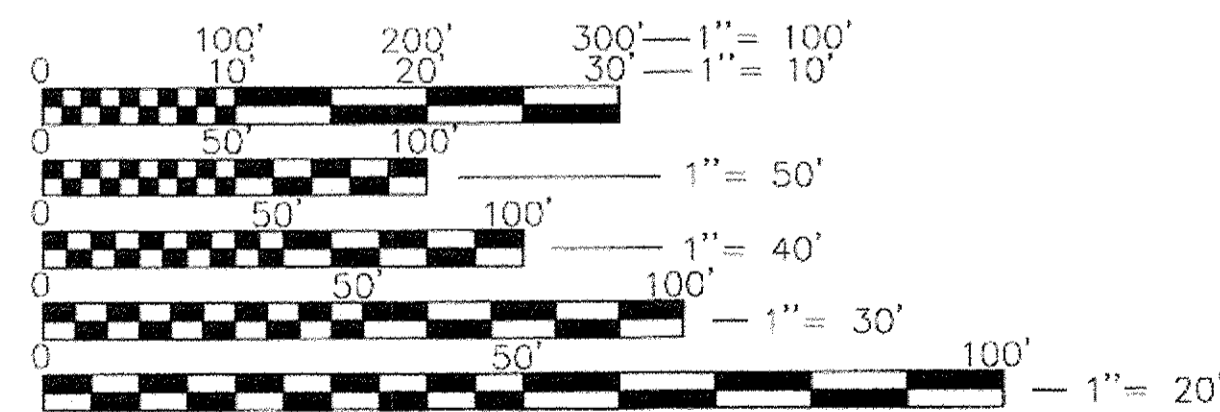
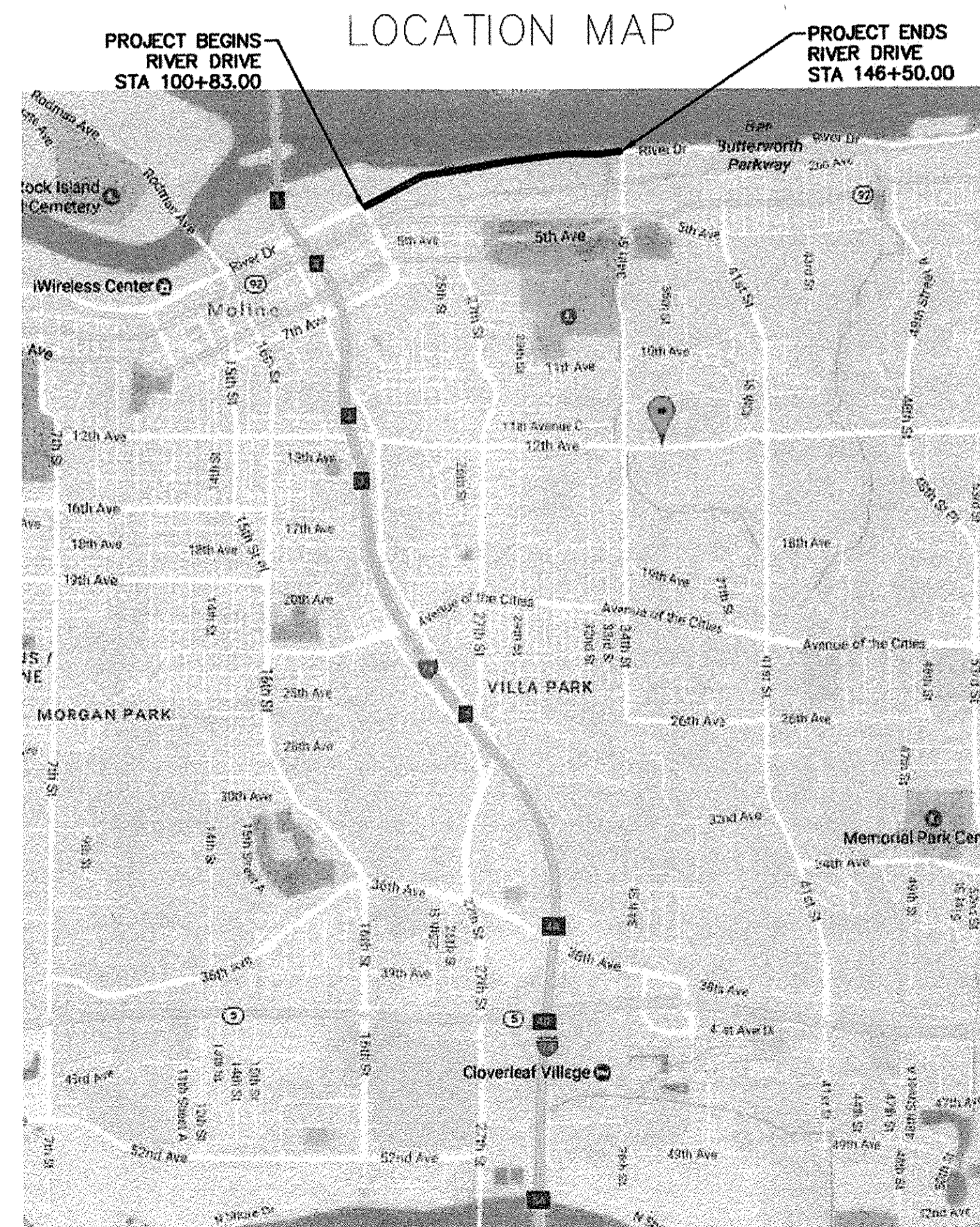
THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITY MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

06-16-2017 LETTING ITEM 239

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
PROPOSED HIGHWAY PLANS  
FAU ROUTE 575 6 (River Drive)  
SECTION 14-00256-00-RS  
PROJECT M-5074 (095)  
FUNCTIONAL OVERLAY**

JOB NO. C-92-045-15



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

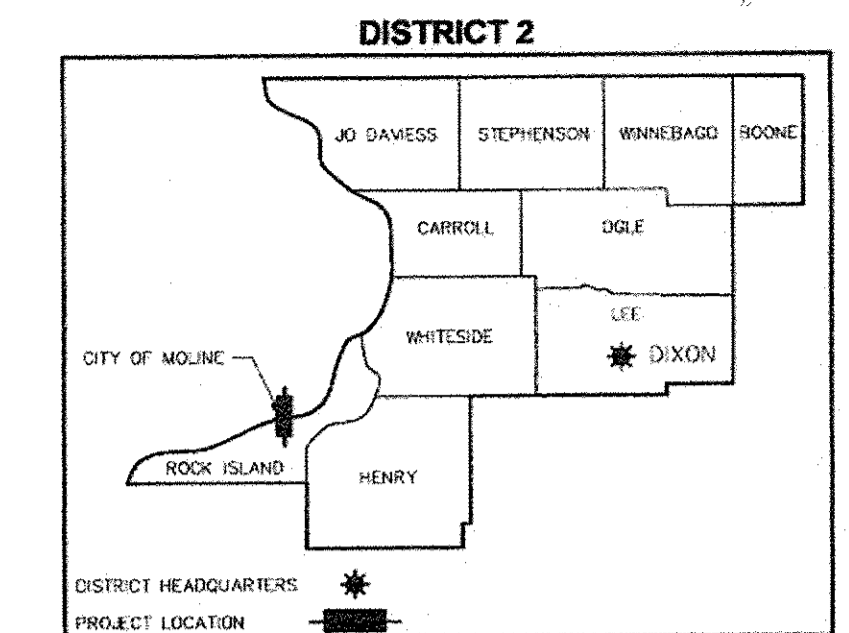
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811



CONTRACT NO. 85649

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5765	14-00256-00-RS	ROCK ISLAND	48	1
		ILLINOIS	CONTRACT NO. 85649	

T18N: S33 & 34; R1W

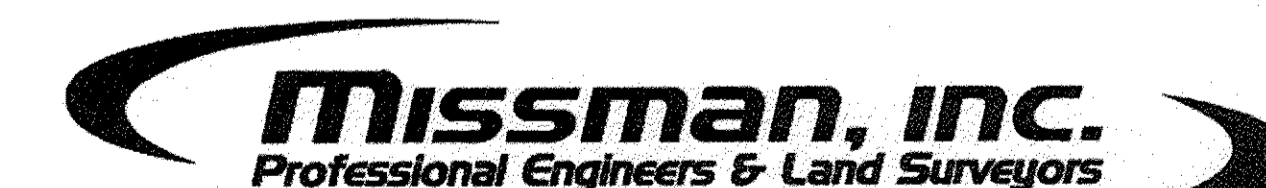


AGENCY RESPONSIBLE FOR LETTING	
Approved	<u>[Signature]</u> 4/20/17 City of Moline -- City Engineer
Passed	<u>APRIL 26, 2017</u> <u>[Signature]</u> District 2 Engineer of Local Roads & Streets
Releasing for Bid Based on Limited Review	<u>APRIL 26, 2017</u> <u>[Signature]</u> Deputy Director of Highways, Region 2 Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

MISSMAN, INC. HAS ADOPTED SAFETY PROCEDURES FOR ITS EMPLOYEES WHO PROVIDE PROFESSIONAL ENGINEERING AND SURVEYING SERVICES. A COPY OF THESE PROCEDURES IS AVAILABLE FROM THE SAFETY OFFICER. MISSMAN, INC. PERSONNEL ARE NOT TRAINED IN CONTRACTOR (CONSTRUCTION) SAFETY AND COMPLIANCE PROCEDURES. THE METHODS AND MEANS TO COMPLY WITH CONSTRUCTION SITE SAFETY ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

PREPARED BY



Rock Island, IL (309) 788-7644 • Bettendorf, IA (563) 344-0260 • Rockford, IL (815) 965-6400 • DeKalb, IL (815) 748-5543  
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	I hereby certify that this plan 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 Illinois. <u>Bradley S. Lange</u> 4/20/2017 Signature Date
	Bradley S. Lange License No. 062-055472 My license renewal date is November 30, 2017 Pages or sheets covered by this seal: <u>1-48</u>

NET LENGTH: RIVER DRIVE: 4,567.0 FT = 0.9 MI  
TOTAL LENGTH 4,567.0 FT = 0.9 MI

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**I.D.O.T. STANDARDS INCLUDED IN THIS PROJECT**

280001-07	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-08	PAVEMENT JOINTS
420101-05	24' (7.2 m) JOINTED PCC PAVEMENT
420106-05	36' JOINTED PCC PAVEMENT
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-03	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442101-07	CLASS B PATCHES
602401-03	MANHOLE, TYPE A
604001-04	FRAME AND LIDS, TYPE 1
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782001-01	CURB REFLECTORS
BLR 10-6	PCC PAVEMENT SPECIAL
BLR 14-11	PORTLAND CEMENT CONCRETE PAVEMENT (NONREINFORCED)


**I.D.O.T. DISTRICT 2 STANDARDS (INCLUDED IN PLAN SET)**

34.1	WORK ZONE SIGN DETAILS
40.1	TRAFFIC CONTROL FOR ROAD CLOSURE
41.1	TYPICAL PAVEMENT MARKINGS
94.2	TRAFFIC CONTROL & PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
17.4	CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED
35.4	SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS
37.4	DELINEATOR AND POST ORIENTATION
97.4	SUBGRADE REPLACEMENT

**CITY OF MOLINE STANDARD DETAILS (INCLUDED IN PLAN SET)**

DETAIL NO.	NAME
1	PAVEMENT SECTION & ALLEY PAVEMENT SECTION
2	INTEGRAL CURB DETAIL
3	MANHOLE BOX OUT DETAIL
4	JOINT TYPE & LAYOUT DETAIL
5	CONSTRUCTION JOINT & EXPANSION JOINT DETAIL
6	LONGITUDINAL JOINT WITH TIE BAR
7	LONGITUDINAL JOINT & TRANSVERSE JOINT DETAIL
8	RESIDENTIAL/COMMERCIAL DRIVEWAY & SIDEWALK DETAILS
9	TYPICAL BOULEVARD SECTIONS DETAIL
10	TYPICAL BOULEVARD SECTIONS DETAIL
11	PAVEMENT PATCHING DETAIL
12	REMOVE & REPLACE COMBINATION CURB & GUTTER
13	TYPICAL ADJUSTMENT DETAIL
14	TYPICAL MANHOLE DETAIL
21	CATCH BASIN SINGLE/DOUBLE DETAIL
22	CATCH BASIN SPECIAL NO. 1, 2, 3
26	PIPE UNDERDRAIN DETAIL
27	PIPE UNDERDRAIN DETAIL
29	STORM VAULT STRUCTURE
30	GATE VALVE BOX INSTALLATION
31	TYPICAL VALVE VAULT DETAIL
36	CURB BOX AND SLEEVE

REVISIONS	DATE
	DESCRIPTION
No.	



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2017 MOLINE RESURFACING  
MOLINE, ILLINOIS

INDEX OF SHEETS AND  
HIGHWAY STANDARDS

Missman Project No:  
B16M001

File Name:  
B16M001-INDEX OF SHEETS -  
B16M001.dwg

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Field Book No:

Drawn By: MAP

Checked By: BSL

Date: 04/20/2017

**GENERAL NOTES**

THE REMOVAL OF BITUMINOUS SURFACING LESS THAN 6 INCH THICKNESS NOT ON A RIGID TYPE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE REMOVED AS EARTH EXCAVATION. THE REMOVAL OF BITUMINOUS SURFACING ON A RIGID TYPE BASE OR A THICKNESS OF 6 INCHES OR MORE ON A FLEXIBLE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL OF THE TYPE SPECIFIED.

THE FINAL TOP FOUR INCHES OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. THE SOIL MUST BE FROM THE A HORIZON (ZERO TO 2' DEEP) OF SOIL PROFILES OF LOCAL SOILS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTHMOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.

THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 4 OR 2A SHALL BE USED, EXCEPT IN FRONT OF PROPERTIES WHERE THE GRASS WILL BE MOWED; THEN USE SEEDING, CLASS 1. CLASS 2A SHALL BE USED ON FRONT SLOPES AND DITCH BOTTOMS. CLASS 4 SHALL BE USED BEHIND TYPE A GUTTER, ON ALL BACKSLOPES AND AREAS BEHIND THE BACKSLOPE, AND BEYOND THE TOE OF FRONT SLOPE ON FILL SECTIONS WITHOUT DITCHES.

FERTILIZER NUTRIENTS SHALL BE APPLIED AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. THIS SHALL BE INCLUDED IN THE COST OF THE SEEDING OR SODDING.

PREVIOUSLY PUGMILLED STOCKPILES OF "TYPE A" OLDER THAN 1 MONTH WILL NOT BE APPROVED FOR USE UNTIL A MOISTURE CHECK IS RUN TO VERIFY MOISTURE CONTENT. MATERIAL SHIPPED TO PROJECTS WITHOUT BEING TESTED WILL NOT BE ACCEPTED.

ALL "AGGREGATE SUBGRADE IMPROVEMENT" (SECTION 303), SHALL BE COMPLETED IN ACCORDANCE WITH ARTICLES 311.04, 311.05, 311.05, 311.06 AND 311.07. ALL AGGREGATE SUBGRADE THICKNESSES EQUAL TO OR LESS THAN 12 INCHES SHALL BE CONSTRUCTED OF AGGREGATE OF CA02 GRADATION. ALL AGGREGATE SUBGRADE THICKNESSES GREATER THAN 12 INCHES SHALL BE CONSTRUCTED OF CS02.

CLOSED EXPANSION JOINTS ON JOINTED PAVEMENTS SHALL BE RE-ESTABLISHED DURING THE PATCHING OPERATIONS. CLASS B PATCHES - WHEN THE PAVEMENT REQUIRES PATCHING AT THE LOCATION OF THE EXPANSION JOINT, A NEW JOINT SHOULD BE ESTABLISHED USING A DOWELED EXPANSION PATCH AS SHOWN ON HIGHWAY STANDARD 442101. WHEN THE JOINT IS CLOSED, BUT DOES NOT REQUIRE PATCHING, AN EXPANSION JOINT MAY BE FORMED BY SAWING THE PAVEMENT AND FILLING THE SAW CUT WITH A PREFORMED EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF SECTION 1051 OF THE STANDARD SPECIFICATIONS AS SHOWN ON STANDARD 420001.

ALL MANDATORY JOINT SEALING FOR CLASS A, CLASS B, AND CLASS B (HINGE JOINTED) PATCHES AS SHOWN ON THE PLANS WILL NOT BE MEASURED FOR PAYMENT. OPTIONAL SAWING OF THE JOINT FOR THE SEALANT RESERVOIR WILL NOT BE MEASURED FOR PAYMENT.

FOR ALL CONCRETE PATCHING THAT WILL NOT BE RESURFACED, THE CONCRETE SHALL BE STRUCK OFF FLUSH WITH THE EXISTING PAVEMENT SURFACE AT EACH END OF THE PATCH.

THE ENGINEER RESERVES THE RIGHT TO CHECK ALL PATCHES FOR SMOOTHNESS BY THE USE OF A 10' ROLLING STRAIGHT EDGE SET TO A 3/16" TOLERANCE IN THE WHEEL PATHS. ANY PATCH AREAS HIGHER THAN 3/16" MUST BE GROUND SMOOTH WITH AN APPROVED GRINDING DEVICE CONSISTING OF MULTIPLE SAWS. THE USE OF BUSHHAMMER OR OTHER IMPACT DEVICES WILL NOT BE PERMITTED. ANY PATCH WITH DEPRESSIONS GREATER THAN 3/16" SHALL BE REPAIRED IN A MANNER APPROVED BY THE ENGINEER.

THE MANDATORY SAW CUTS FOR PAVEMENT PATCHING ARE:

**CLASS A PATCH:** CUT TWO TRANSVERSE SAW CUTS AT EACH END OF THE PATCH; ONE FULL DEPTH AND ONE PARTIAL DEPTH. THE LONGITUDINAL EDGES OF THE PATCH SHALL BE CUT FULL DEPTH. WHEN THE PATCH IS ADJACENT TO A PCC SHOULDER, TWO SAW CUTS ALONG THE SHOULDER WILL BE REQUIRED.

**CLASS B PATCH:** CUT TWO TRANSVERSE SAW CUTS OUTLINING THE PATCH AND ONE TRANSVERSE PRESSURE RELIEF SAW CUT. THE LONGITUDINAL EDGES OF THE PATCH SHALL BE CUT FULL DEPTH. WHEN THE PATCH IS ADJACENT TO A PCC SHOULDER, TWO SAW CUTS ALONG THE SHOULDER WILL BE REQUIRED.

THE MANDATORY SAW CUTS WILL NOT BE PAID FOR SEPERATELY, BUT WILL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS FOR WHICH IT IS APPLIED.

CLASS C PATCHES SHALL BE TIED TO THE ADJACENT LANE WHEN THE PATCHES ARE MORE THAN 20 FT. THE COST OF THE TIE BARS SHALL BE INCLUDED IN THE COST OF THE PATCH.

THE AREA TO BE PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAYS PRODUCTIVITY, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER

IF, DURING THE GRINDING OR RESURFACING OPERATIONS, THE EXISTING MAILBOXES BECOME A HINDRANCE, THE CONTRACTOR SHALL BE REQUIRED TO CAREFULLY REMOVE AND REINSTALL THE MAILBOXES AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE INCIDENTAL HOT\_MIX ASPHALT SURFACING.

NOSES OF CURBED CORNER ISLANDS NOTED AS 1 & 2 ON HIGHWAY STANDARD 606301 SHALL BE RAMPED UNLESS THE CURB FUNCTION IS FOR THE PROTECTION OF PEDESTRIANS, SIGNALS, LIGHT STANDARDS OR SIGN TRUSS SUPPORTS.

USE M\_6.06 OR M\_4.06 CURB AND GUTTER ON ALL SIDES OF ISLANDS WHEN ISLAND IS OFFSET SHOULDER WIDTH, BUT OFFSET SHOULD NOT BE GREATER THAN 8 FEET EDGE TO FACE.

USE M\_6 CURB ON ISLANDS WHEN LOCATED ADJACENT TO A HIGHWAY WITH SPEEDS OF 45 MPH OR LESS.

ON LARGE AND INTERMEDIATE ISLANDS, THE VARIABLE CURB AND GUTTER FLAG WILL BE PAID FOR AS COMBINATION CONCRETE CURB AND GUTTER TYPE M6.24.

RURAL MINIMUM ISLAND AREA = 100 SQ FT  
URBAN ISLAND AREA = USUALLY 75 SQ FT BUT NOT LESS THAN 50 SQ FT  
(ISLAND AREA INCLUDES THE CONCRETE MEDIAN SURFACE AND THE CURB)

THE CONTRACTOR SHALL INSTALL A 18" DIAMETER FORMED OPENING IN THE CONCRETE MEDIAN SURFACE OF THE ISLAND AS DIRECTED BY THE ENGINEER. ALSO, A 4" DIAMETER FORMED OPENING SHALL BE INSTALLED IN EACH CORNER OF THE ISLAND 1' BEHIND THE BACK OF CURB. ALL EXISTING PAVEMENT SURFACES OF OTHER EXISTING OBSTRUCTIONS BENEATH THESE OPENINGS SHALL BE REMOVED BY THE CONTRACTOR. AFTER THE MEDIAN IS IN PLACE THE 18" OPENING SHALL BE CORED DOWN 4" AND FILLED WITH DIRT. ALL COSTS INCURRED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR CONCRETE MEDIAN SURFACE, 4 INCH.

THE CONTRACTOR SHALL INSTALL 18" DIAMETER FORMED OPENINGS IN THE CONCRETE MEDIAN SURFACE, SPACED AT INTERVALS NO GREATER THAN 250', AND/OR AS DIRECTED BY THE ENGINEER. ALL EXISTING PAVEMENT SURFACES OR OTHER EXISTING OBSTRUCTIONS BENEATH THESE OPENINGS SHALL BE REMOVED BY THE CONTRACTOR. AFTER THE MEDIAN IS IN PLACE, CORE EACH OPENING DOWN 4" AND FILL WITH DIRT. ALL COSTS INCURRED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR CONCRETE MEDIAN SURFACE, 4 INCH.

THE CITY OF MOLINE WILL PROVIDE FRAMES AND LIDS. ALL FRAMES AND GRATES OF DRAINAGE STRUCTURES TO BE REMOVED OR FILLED SHALL BE CAREFULLY SALVAGED AND SHALL REMAIN THE PROPERTY OF CITY OF MOLINE.

THE CONTRACTOR SHALL DETERMINE FLOWLINES OF EXISTING SEWER LINES WHICH ARE SHOWN ON THE PLANS AS ESTIMATED OR UNKNOWN. THIS INFORMATION IS NECESSARY BEFORE ORDERING INLETS AND MANHOLES. WHERE FIELD TILE IS ENCOUNTERED, STORM SEWER OR PIPE DRAIN WILL BE USED IN ACCORDANCE WITH SECTION 611. THE MINIMUM SIZE FOR REPLACEMENT WILL BE 6" FOR PIPE DRAINS AND 8" FOR STORM SEWER, BUT THE SIZE MUST BE AT LEAST 2" LARGER THAN THE ADJOINING TILE. A FIELD TILE JUNCTION VAULT WILL BE CONSTRUCTED AT THE RIGHT OF WAY TO CONNECT THE TILE AND STORM SEWER. SEE THE SUMMARY OF QUANTITIES FOR THE ESTIMATED QUANTITIES.

PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:

1. ALL WORDS, SUCH AS ONLY, SHALL BE 8 FEET HIGH.
2. ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.
3. THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8 INCHES, NOT 7 INCHES, AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
4. CENTERLINE SKIP DASH PAVEMENT MARKING ON MULTI-LANE DIVIDED, MULTI-LANE UNDIVIDED, AND ONE-WAY ROADWAY SHALL BE ACCORDING TO DISTRICT STANDARD 41.1.

THE CONTRACTOR SHALL PLACE CONTRACTION JOINT IN PROLONGATION WITH JOINTS IN THE EXISTING PAVEMENT. THE JOINT SHALL BE A SAWEED CONTRACTION JOINT WITH DOWEL BAR ASSEMBLY AS SHOWN ON HIGHWAY STANDARD 420001. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE P.C.C. BASE COURSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 811 OR 800-892-0123.

THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 811 OR 800-892-0123 48 HOURS PRIOR TO CONSTRUCTION FOR CONFIRMATION OF CURRENT UTILITY LOCATIONS AND FOR ALL NON-EMERGENCY WORK. UTILITIES WHICH ARE NOT MEMBERS OF J.U.L.I.E. SHOULD BE NOTIFIED INDIVIDUALLY BY THE CONTRACTOR.

IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT 815/284-5469 AT LEAST 48 HOURS PRIOR TO WORK.

THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATION SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE VERTICAL DEPTHS OF THE UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE ITEM OF CONSTRUCTION INVOLVED.

PER SB 699 (90 DAY UTILITY RELOCATION LAW), ONCE RIGHT-OF-WAY IS CLEAR TO AWARD THE PROJECT, A NOTICE WILL BE SENT TO THE UTILITY COMPANIES INSTRUCTING THEM TO HAVE THEIR FACILITIES RELOCATED WITHIN 90 DAYS. ESTIMATED DATE RELOCATION COMPLETE = AWARD DATE + 100 DAYS.

TIE BARS AND DOWEL BARS SHALL BE INSTALLED TO TIE PCC APPURTENANCE TO ADJACENT EXISTING CONCRETE PAVEMENT.

TIE BARS TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF MOLINE DETAILS AND THE APPLICABLE PORTIONS OF ARTICLE 420.05(b) OF THE STANDARD SPECIFICATIONS. SEE HIGHWAY STANDARD 420001 FOR DETAIL ON LONGITUDINAL CONSTRUCTION JOINT GROUDED IN PLACE TIE BAR. THE COST OF THE TIE BARS AND DOWEL BARS ARE TO BE PAID FOR SEPARATELY.

CADD DATA WILL BE AVAILABLE TO CONTRACTORS AND CONSULTANTS WORKING ON THIS PROJECT. THIS INFORMATION WILL BE PROVIDED UPON REQUEST AS MICROSTATION CADD FILES AND GEOPAK COORDINATE GEOMETRY FILES ONLY. IF DATA IS REQUIRED IN OTHER FORMATS IT WILL BE YOUR RESPONSIBILITY TO MAKE THESE CONVERSIONS. IF ANY DISCREPANCY OR INCONSISTENCY ARISES BETWEEN THE ELECTRONIC DATA AND THE INFORMATION ON THE HARD COPY, THE INFORMATION ON THE HARD COPY SHOULD BE USED. CONTACT THE ENGINEER TO REQUEST THESE FILES.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE MUNICIPALITY TO DETERMINE APPROVED METHODS OF UTILITY STRUCTURE ADJUSTMENT. UTILITY STRUCTURES MAY INCLUDE, BUT ARE NOT LIMITED TO, MANHOLES, WATER VALVES, HANDHOLES, ETC. ALL MATERIALS AND WORK NECESSARY TO COMPLETE ADJUSTMENTS PER MUNICIPALITY REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED ADJUSTMENT PAY ITEM.

**MIXTURES TABLE**

LOCATION AND MIXTURE USES(S):	RESURFACING		
	SURFACE	LEVEL BINDER	BINDER
PG GRADE	SBS PG 76-22	SBS PG 70-22	SBS PG 70-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-9.5	IL-9.5FG	IL 19.0
FRICION AGGREGATE	D	N/A	N/A
20 YEAR ESALs	1.7		
MIX UNIT WEIGHT	112 LBS/SY-IN	N/A	N/A
QUALITY MANAGEMENT PROGRAM TO BE USED	QC/QA	QC/QA	QC/QA
SUBLOT TONNAGE	N/A	N/A	N/A

**CONTACTS**

MIDAMERICAN ENERGY  
MATT KOVACIC  
(309) 793-3704

MEDIACOM  
MITCH HANCOCK  
(309) 743-4735

CITY OF MOLINE WATER DEPARTMENT  
(309) 524-2300

WATER POLLUTION CONTROL  
(SANITARY SEWER)  
(309) 524-2340

CITY OF MOLINE ENGINEERING DEPARTMENT  
(STORM SEWER)  
(309) 524-2363

AT&T  
(309) 757-4707

CENTURYLINK  
(563) 355-6402

GENESE0 COMMUNICATIONS  
(309) 944-4750

WINDSTREAM  
(309) 282-3110

NO.	DESCRIPTION	DATE

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2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
INDEX OF SHEETS AND  
GENERAL NOTES

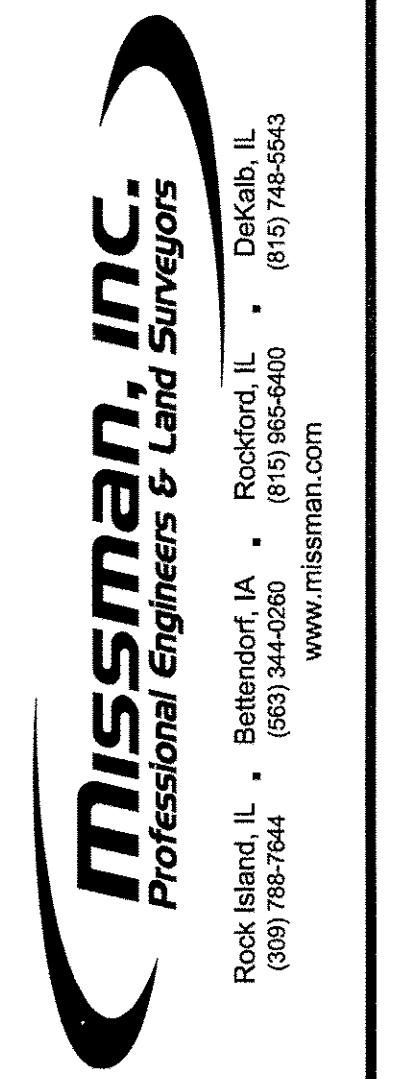
Missman Project No: B16M001
File Name: B16M001-GENERAL NOTES - © COPYRIGHT 2017 ALL RIGHTS RESERVED
Field Book No:
Drawn By: MAP
Checked By: BSL
Date: 04/20/2017

14-00256-00-RS - CITY OF MOLINE RESURFACING - SUMMARY OF QUANTITIES - RIVER DRIVE								
SP	SI	ITEM #	PAY ITEM NAME	UNIT	TOTAL QUANTITY		CONSTRUCTION CODE	
					0005	0021	0005	0021
		25100630	EROSION CONTROL BLANKET	SQ YD	805.6			805.6
		28000500	INLET AND PIPE PROTECTION	EACH	44			44
		35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	1,201.0			1,201.0
		40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	11,940.7			11,940.7
		40600829	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	1,485.9			1,485.9
		40600990	TEMPORARY RAMP	SQ YD	5.6			5.6
*		40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,485.9			1,485.9
*		42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	114.8			114.8
*		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	492.6			492.6
*		42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	178.0			178.0
*		42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	SQ FT	60.0			60.0
		42400800	DETECTABLE WARNINGS	SQ FT	20.8			20.8
		44000100	PAVEMENT REMOVAL	SQ YD	1,125.9			1,125.9
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	461.2			461.2
		44000600	SIDEWALK REMOVAL	SQ FT	177.9			177.9
		44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	30.1			30.1
		44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	46.2			46.2
		44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	1,061.8			1,061.8
		44201299	DOWEL BARS 1 1/2"	EACH	218			218
		44213204	TIE BARS 3/4"	EACH	724			724
*		56109210	WATER VALVES TO BE ADJUSTED	EACH	6			6
*		56500600	DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED	EACH	3			3
*		60255500	MANHOLES TO BE ADJUSTED	EACH	10			10
		60500060	REMOVING INLETS	EACH	6			6
		60622400	CONCRETE MEDIAN, TYPE SM-6.06	SQ FT	300.0			300.0
		67100100	MOBILIZATION	LSUM	1			1
		70300100	SHORT TERM PAVEMENT MARKING	FOOT		1,150.0		1,150.0

14-00256-00-RS - CITY OF MOLINE RESURFACING - SUMMARY OF QUANTITIES - RIVER DRIVE								
SP	SI	ITEM #	PAY ITEM NAME	UNIT	TOTAL QUANTITY		CONSTRUCTION CODE	
					0005	0021	0005	0021
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT		383.3		383.3
		70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT		31.2		31.2
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT		9,134.0		9,134.0
**		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT		164.3		164.3
**		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT		3,886.0		3,886.0
**		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT		60.0		60.0
**		78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT		335.0		335.0
**		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT		408.0		408.0
**		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT		30.0		30.0
**	*	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT		31.2		31.2
**	*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT		270.0		270.0
**	*	78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT		81.0		81.0
**	*	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT		23.0		23.0
*		Z0033600	LONGITUDINAL JOINT REPAIR	FOOT		2,211.0		2,211.0
*		LR420137	PORTLAND CEMENT CONCRETE PAVEMENT 10" (SPECIAL) WITH INTEGRAL CURB	SQ YD	1,086.2			1,086.2
*		X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	299.5			299.5
*		X6024244	INLETS, SPECIAL NO. 2	EACH	6			6
*		X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	8			8
*		X6026200	INLETS TO BE ADJUSTED (SPECIAL)	EACH	31			31
*		X6060500	CORRUGATED MEDIAN REMOVAL	SQ FT	1,209.4			1,209.4
*		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1			1
*		X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	74			74
*		XX006343	SEEDING (COMPLETE)	SQ YD	805.6			805.6
*		XX006821	CONCRETE TRUCK WASHOUT	LSUM	1			1
*		XX006989	INLETS, SPECIAL REMOVE AND REPLACE LID	EACH	3			3
*		XX009049	REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)	FOOT	448.0			448.0
*		Z0013798	CONSTRUCTION LAYOUT	LSUM	1			1

\* SPECIAL PROVISION  
\*\* SPECIALITY ITEM

REVISIONS	DESCRIPTION	DATE
No.		



2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
SUMMARY OF QUANTITIES

Missman Project No:  
B16M001  
File Name:  
B16M001-SUMMARY QTY - River  
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Field Book No:  
Drawn By: MAP  
Checked By: BSL  
Date: 04/20/2017

PAY CODE	ITEM	QUANTITY
25100630	EROSION CONTROL BLANKET	
	LOCATION	OFFSET
	RIVER DR	SQ YD
	100+83 - 101+78	LT/RT
	102+52 - 102+65	LT
	103+31 CE	RT
	104+04 - 104+20	RT
	104+33 - 104+46	RT
	105+82 - 105+92	LT
	105+16 - 105+29	RT
	107+15 CE	LT
	107+06 - 107+22	RT
	107+48 - 107+64	LT
	108+01 - 108+11	LT
	108+10 - 108+25	RT
	111+12 - 111+22	LT
	111+46 - 111+61	LT
	111+48 - 111+64	RT
	111+70 - 111+80	LT
	112+54 - 112+64	RT
	RIVER DR & UNIVERSITY	
	SW QUAD	25.0
	SE QUAD	32.2
	116+95 CE	LT
	117+21 - 117+34	RT
	117+23 - 117+36	LT
	119+21 - 119+34	RT
	119+77 - 122+97	LT
	122+65 - 12+97	RT
	125+35 - 125+45	RT
	125+64 - 125+74	RT
	126+69 CE	LT
	127+62 - 127+72	RT
	128+11 CE	LT
	130+33 CE	RT
	131+77 - 131+87	LT/RT
	133+06 CE	LT
	133+22 - 133+51	RT
	133+72 - 133+82	RT
	135+67 - 135+77	RT
	136+10 - 136+16	LT
	137+17 - 137+27	RT
	136+40 - 136+50	RT
	139+03 - 139+13	LT/RT
	139+46 CE	LT
	141+03 - 141+13	RT
	142+04 - 142+14	LT/RT
	144+60	LT/RT
	145+78 - 145+83	RT
	146+01 CE	LT
	146+00 - 146+50	RT
	TOTAL	805.6

PAY CODE	ITEM	QUANTITY
28000500	INLET AND PIPE PROTECTION	
	LOCATION	OFFSET
	RIVER DR	EACH
	102+59	32' LT
	102+78	30' RT
	104+38	24' RT
	104+65	19' LT
	105+22	26' RT
	106+77	16' LT
	107+14	26' RT
	107+55	16' LT
	108+17	26' RT
	111+54	16' LT
	111+55	26' RT
	114+96	36' RT
	117+26	18' RT
	117+29	16' LT
	119+27	17' RT
	119+28	16' LT
	122+86	16' LT & RT
	125+69	16' LT & RT
	127+67	16' LT & RT
	130+80	16' LT & RT
	133+77	16' RT
	135+69	16' LT
	135+71	16' RT
	136+46	16' RT
	137+22	16' RT
	139+08	16' LT & RT
	141+08	16' RT
	142+09	16' LT & RT
	143+02	16' RT
	146+07	16' RT
	TOTAL	44

PAY CODE	ITEM	QUANTITY
35100300	AGGREGATE BASE COURSE, TYPE A 4"	
	LOCATION	OFFSET
	RIVER DR	SQ YD
	100+83	101+78
	101+78	103+20.95
	115+21.77	RT - UNIVERSITY DRIVE
	146+00	146+50
	TOTAL	1,201.0

PAY CODE	ITEM	QUANTITY
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	
	LOCATION	OFFSET
	RIVER DR	POUNDS
	101+78	102+00
	101+78	102+00
	102+00	107+50
	102+00	107+50
	107+50	113+00
	107+50	113+00
	113+00	118+50
	113+00	118+50
	118+50	124+00
	118+50	124+00
	124+00	129+50
	124+00	129+50
	129+50	135+00
	129+50	135+00
	129+50	135+00
	135+00	140+50
	135+00	140+50
	140+50	146+00
	140+50	146+00
	TOTAL	11,940.7

PAY CODE	ITEM	QUANTITY
40600829	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	
	LOCATION	OFFSET
	RIVER DR	TONS
	101+78	102+00
	102+00	107+50
	107+50	113+00
	113+00	118+50
	118+50	124+00
	124+00	129+50
	129+50	135+00
	135+00	140+50
	140+50	146+00
	TOTAL	1,485.9

PAY CODE	ITEM	QUANTITY
40600980	TEMPORARY RAMP	
	LOCATION	OFFSET
	RIVER DR	SQ YD
	144+61.0	LT & RT
	TOTAL	5.6

PAY CODE	ITEM	QUANTITY
40603587	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, N50	
	LOCATION	OFFSET
	RIVER DR	TONS
	101+78	102+00
	102+00	107+50
	107+50	113+00
	113+00	118+50
	118+50	124+00
	124+00	129+50
	129+50	135+00
	135+00	140+50
	140+50	146+00
	TOTAL	1,485.9

PAY CODE	ITEM	QUANTITY
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	
	LOCATION	OFFSET
	RIVER DR	SQ YD
	101+78	103+20.95
	TOTAL	114.8

PAY CODE	ITEM	QUANTITY
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	
	LOCATION	OFFSET
	RIVER DR	SQ YD
	103+31	CE RT
	107+15	CE LT
	116+95	CE LT
	120+65	CE LT
	126+69	CE LT
	128+11	CE LT
	130+33	CE RT
	133+06	CE LT
	139+46	CE LT
	146+01	CE LT
	TOTAL	492.6

PAY CODE	ITEM	QUANTITY
42400100	PORTLAND CEMENT CONCRETE SIDEWALK - 4 INCH	
	LOCATION	OFFSET
	RIVER DR	SQ FT
	103+08	103+14
	103+48	103+55
	130+07	130+18
	130+47	130+57
	TOTAL	178.0

REVISIONS	DATE
No.	
DESCRIPTION	

**Missman, Inc.**  
Professional Engineers & Land Surveyors

Rock Island, IL (309) 788-7644  
Bettendorf, IA (563) 344-0280  
Rockford, IL (815) 965-6400  
DeKalb, IL (815) 748-5543  
www.missman.com

2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
SCHEDULE OF QUANTITIES

Missman Project No: B16M001  
File Name: B16M001-SCHEDULE QTY - RIVER.dwg  
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Field Book No:  
Drawn By: MAP  
Checked By: BSL  
Date: 04/20/2017

PAY CODE	ITEM	QUANTITY
42400300	PORTLAND CEMENT CONCRETE SIDEWALK - 6 INCH	
	LOCATION RIVER DR	SQ FT
	144+61 RT	25.0
	144+61 LT	35.0
	TOTAL	60.0

PAY CODE	ITEM	QUANTITY
42400800	DETECTABLE WARNINGS	
	LOCATION RIVER DR	SQ FT
	144+61 16' LT	10.6
	144+61 16' RT	10.2
	TOTAL	20.8

PAY CODE	ITEM	QUANTITY
44000100	PAVEMENT REMOVAL	
	LOCATION RIVER DR	SQ YD
	100+83 101+78 LT/RT PCC	676.9
	106+81 106+89 LT/RT HMA	6.8
	UNIVERSITY DR. PCC	244.0
	116+72 116+81 LT/RT HMA	11.4
	117+05 117+15 LT/RT HMA	12.0
	146+00 146+50 LT/RT PCC	174.8
	TOTAL	1,125.9

PAY CODE	ITEM	QUANTITY
44000200	DRIVEWAY PAVEMENT REMOVAL	
	LOCATION RIVER DR	SQ YD
	103+31 CE RT	52.8
	107+15 CE LT	100.7
	116+95 CE LT	63.2
	126+69 CE LT	26.0
	128+11 CE LT	43.8
	130+33 CE RT	64.7
	133+06 CE LT	46.3
	139+46 CE LT	45.0
	146+01 CE LT	18.7
	TOTAL	461.2

PAY CODE	ITEM	QUANTITY
44000600	SIDEWALK REMOVAL	
	LOCATION RIVER DR	SQ FT
	103+08 103+14 RT	23.0
	103+48 103+55 RT	20.1
	130+07 130+18 RT	74.3
	144+61 LT	35.4
	144+61 RT	25.1
	TOTAL	177.9

PAY CODE	ITEM	QUANTITY
44200970	CLASS B PATCHES, TYPE II, 10 INCH	
	LOCATION RIVER DR	SQ YD
	127+67 127+81 RT	12.4
	127+67 127+81 LT	12.4
	136+10 136+16 LT	5.3
	TOTAL	30.1

PAY CODE	ITEM	QUANTITY
44200974	CLASS B PATCHES, TYPE III, 10 INCH	
	LOCATION RIVER DR	SQ YD
	104+04 112+20 RT	23.1
	104+04 112+20 LT	23.1
	TOTAL	46.2

PAY CODE	ITEM	QUANTITY
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	
	LOCATION RIVER DR	SQ YD
	122+65 122+97 RT	56.9
	124+00 124+42 RT	37.3
	124+00 124+42 LT	37.3
	133+22 133+51 RT	51.6
	133+28 133+51 LT	40.8
	135+81 136+76 RT	84.4
	135+81 136+76 LT	84.4
	140+17 140+74 RT	50.1
	140+17 140+74 LT	50.1
	119+77 122+97 LT	568.9
	TOTAL	1,061.8

PAY CODE	ITEM	DESCRIPTION	QUANTITY
44201299	DOWEL BARS 1 1/2"		
	LOCATION RIVER DR	EACH	
	104+04 104+20	35	
	119+77 122+97	43	
	124+00 124+42	22	
	127+67 127+81	22	
	133+22 133+51	43	
	135+81 136+76	32	
	140+17 140+74	21	
	TOTAL	218	

PAY CODE	ITEM	DESCRIPTION	QUANTITY
44213204	TIE BARS 3/4"		
	LOCATION RIVER DR	EACH	
	104+04 104+20	24	
	119+77 122+97	336	
	124+00 124+42	63	
	127+67 127+81	21	
	133+22 133+51	48	
	135+81 136+76	146	
	140+17 140+74	86	
	TOTAL	724	

PAY CODE	ITEM	DESCRIPTION	QUANTITY
56109210	WATER VALVES TO BE ADJUSTED		
	LOCATION RIVER DR	EACH	
	104+12 18' RT	1	
	108+47 17' RT	1	
	115+39 59' RT	1	
	126+17 7' RT	1	
	127+22 7' RT	1	
	145+13 13' RT	1	
	TOTAL	6	

PAY CODE	ITEM	DESCRIPTION	QUANTITY
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED		
	LOCATION RIVER DR	EACH	
	102+77 14' RT	1	
	105+03 26' RT	1	
	108+77 15' RT	1	
	TOTAL	3	

PAY CODE	ITEM	DESCRIPTION	QUANTITY
60255500	MANHOLES TO BE ADJUSTED		
	LOCATION RIVER DR	EACH	
	102+59 STORM 26' LT	1	
	104+60 WATER 15' RT	1	
	107+79 WATER 12' RT	1	
	114+86 WATER 18' RT	1	
	114+98 STORM 40' RT	1	
	115+45 WATER 30' RT	1	
	115+51 WATER 20' RT	1	
	119+14 STORM 5' RT	1	
	136+76 WATER 5' RT	1	
	145+83 WATER 10' RT	1	
	TOTAL	10	

PAY CODE	ITEM	QUANTITY
60500060	REMOVING INLETS	
	LOCATION RIVER DR	EACH
	119+27 16' RT	1
	125+69 16' LT	1
	127+67 18' RT	1
	127+67 18' LT	1
	133+77 18' RT	1
	135+60 18' LT	1
	TOTAL	6

PAY CODE	ITEM	QUANTITY
60622400	CONCRETE MEDIAN, TYPE SM-6.06	
	LOCATION RIVER DR	SQ FT
	100+83.0 101+32.8	300.0
	TOTAL	300.0

PAY CODE	ITEM	QUANTITY
70300100	SHORT TERM PAVEMENT MARKING	
	LOCATION RIVER DR	SQ FT
	100+83 146+50	1,150.0
	TOTAL	1,150.0

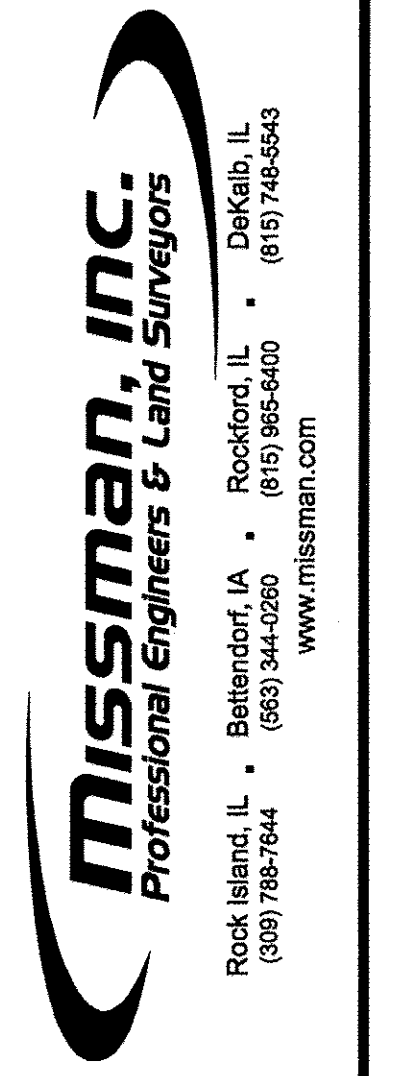
PAY CODE	ITEM	QUANTITY
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	
	LOCATION RIVER DR	SQ FT
	100+83 146+50	383.3
	TOTAL	383.3

PAY CODE	ITEM	QUANTITY
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	
	LOCATION RIVER DR	SQ FT
	100+83 146+50 2 TURN ARROWS	31.2
	TOTAL	31.2

PAY CODE	ITEM	QUANTITY
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	
	LOCATION RIVER DR	FOOT
	100+83 146+50	9,134.0
	TOTAL	9,134.0

PAY CODE	ITEM	QUANTITY
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	
	LOCATION RIVER DR	SQ FT
	103+15 24' RT LANE DROP	41.5
	106+10 24' RT LANE DROP	41.5
	111+72 7' RT THRU ARROW	11.5
	111+72 17' RT TURN ARROW	15.6
	113+07 7' RT THRU ARROW	11.5
	113+07 17' RT TURN ARROW	15.6
	114+44 7' RT THRU ARROW	11.5
	114+44 17' RT TURN ARROW	15.6
	TOTAL	164.3

REVISIONS	DATE
DESCRIPTION	
No.	



2017 MOLINE RESURFACING  
MOLINE, ILLINOIS

SCHEDULE OF QUANTITIES (2)

Missman Project No: B16M001

File Name: B16M001-SCHEDULE QTY - RIVER.dwg

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Field Book No:

Drawn By: MAP

Checked By: BSL

Date: 04/20/2017

6

Sheet 6 of 48

PAY CODE	ITEM	QUANTITY
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	
	LOCATION DESCRIPTION FOOT	
	RIVER DR	
	101+78 102+00 10'-30' SKIP DASH	20.0
	101+78 102+00 CHANNELIZING SOLID	44.0
	102+00 103+09 10'-30' SKIP DASH	30.0
	102+00 103+81 CHANNELIZING SOLID	362.0
	103+81 107+50 DOUBLE YELLOW	738.0
	106+21 107+50 LANE SHIFT	79.0
	107+50 113+00 DOUBLE YELLOW	1,100.0
	107+50 111+65 LANE SHIFT	415.0
	113+00 114+64 DOUBLE YELLOW	328.0
	115+84 118+50 10'-30' SKIP DASH	70.0
	118+50 124+00 10'-30' SKIP DASH	140.0
	124+00 129+50 10'-30' SKIP DASH	140.0
	129+50 135+00 10'-30' SKIP DASH	140.0
	135+00 140+50 10'-30' SKIP DASH	140.0
	140+50 146+00 10'-30' SKIP DASH	140.0
	TOTAL	3,886.0

PAY CODE	ITEM	QUANTITY
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	
	LOCATION DESCRIPTION FOOT	
	RIVER DR	
	145+10 LT/RT CROSSWALK	60.0
	TOTAL	60.0

PAY CODE	ITEM	QUANTITY
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	
	LOCATION DESCRIPTION FOOT	
	RIVER DR	
	110+24 111+65 2'-6" SKIP DASH	36.0
	111+65 113+00 LANE LINE	135.0
	113+00 114+64 LANE LINE	164.0
	TOTAL	335.0

PAY CODE	ITEM	QUANTITY
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	
	LOCATION DESCRIPTION FOOT	
	RIVER DR	
	101+78 102+00 DIAGONALS	20.0
	102+00 103+81 DIAGONALS	92.0
	106+21 107+50 DIAGONALS	20.0
	107+50 111+65 DIAGONALS	230.0
	145+10 LT/RT DIAGONALS-CROSSWALK	46.0
	TOTAL	408.0

PAY CODE	ITEM	QUANTITY
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	
	LOCATION OFFSET DESCRIPTION FOOT	
	RIVER DR	
	144+38 RT STOP BAR	15.0
	144+83 LT STOP BAR	15.0
	TOTAL	30.0

PAY CODE	ITEM	QUANTITY
78001100	PAINT PAVEMENT MARKING - LETTERS & SYMBOLS	
	LOCATION OFFSET DESCRIPTION SQ FT	
	RIVER DR	
	100+91 7' LT TURN ARROW	15.6
	101+56 7' LT TURN ARROW	15.6
	TOTAL	31.2

PAY CODE	ITEM	QUANTITY
78001110	PAINT PAVEMENT MARKING - LINE 4"	
	LOCATION DESCRIPTION FOOT	
	RIVER DR	
	100+83 101+78 LT 10'-30' SKIP DASH	30.0
	100+83 101+78 RT 10'-30' SKIP DASH	30.0
	100+83 101+78 MEDIAN	190.0
	146+00 146+50 10'-30' SKIP DASH	20.0
	TOTAL	270.0

PAY CODE	ITEM	QUANTITY
78001140	PAINT PAVEMENT MARKING - LINE 8"	
	LOCATION DESCRIPTION FOOT	
	RIVER DR	
	100+83 101+64 LANE LINE	81.0
	TOTAL	81.0

PAY CODE	ITEM	QUANTITY
78001150	PAINT PAVEMENT MARKING - LINE 12"	
	LOCATION DESCRIPTION FOOT	
	RIVER DR	
	100+83 101+78 DIAGONALS	23.0
	TOTAL	23.0

PAY CODE	ITEM	QUANTITY
LR420137	PORTLAND CEMENT CONCRETE PAVEMENT 10" (SPECIAL) W/ INTEGRAL CURB	
	LOCATION OFFSET SQ YD	
	RIVER DR	
	100+83 101+78	684.0
	115+21.77 RT - UNIVERSITY DRIVE	240.5
	146+00 146+50	161.7
	TOTAL	1,086.2

PAY CODE	ITEM	QUANTITY
X4403300	CONCRETE MEDIAN REMOVAL	
	LOCATION OFFSET SQ FT	
	RIVER DR	
	100+83 101+32.3	299.5
	TOTAL	299.5

PAY CODE	ITEM	QUANTITY
X6024244	INLETS, SPECIAL NO. 2	
	LOCATION OFFSET EACH	
	RIVER DR	
	119+67 16' RT	1
	125+69 16' LT	1
	127+67 18' RT	1
	127+67 18' LT	1
	133+77 18' RT	1
	135+68 18' LT	1
	TOTAL	6

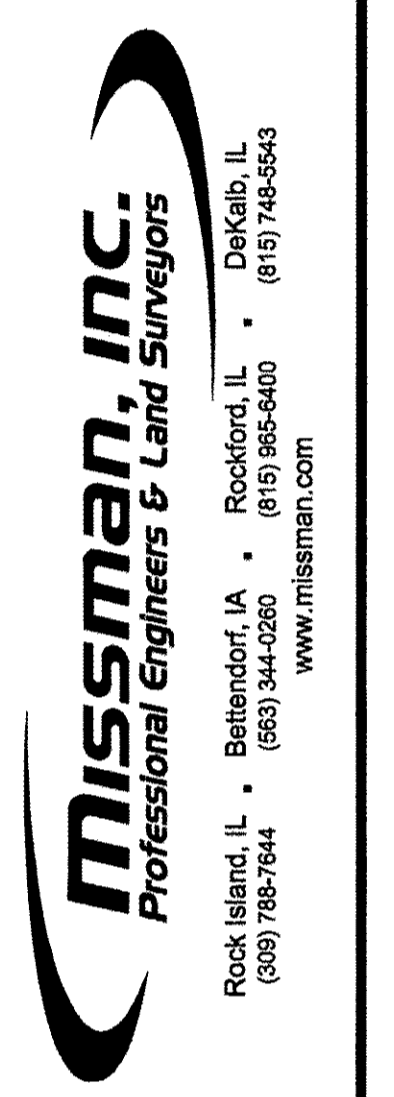
PAY CODE	ITEM	QUANTITY
X6026050	SANITARY MANHOLES TO BE ADJUSTED	
	LOCATION OFFSET EACH	
	RIVER DR	
	101+29 25' LT	1
	104+87 15' LT	1
	108+06 15' LT	1
	111+17 13' LT	1
	111+75 25' RT	1
	112+59 27' RT	1
	115+19 17' RT	1
	125+40 14' RT	1
	TOTAL	8

PAY CODE	ITEM	QUANTITY
X6026200	INLETS TO BE ADJUSTED (SPECIAL)	
	LOCATION OFFSET EACH	
	RIVER DR	
	102+58 37' LT	1
	102+79 30' RT	1
	104+39 26' RT	1
	105+22 26' RT	1
	106+74 16' LT	1
	106+78 16' LT	1
	107+12 26' RT	1
	107+16 26' RT	1
	107+54 16' LT	1
	107+58 16' LT	1
	108+16 26' LT	1
	108+19 26' RT	1
	111+52 16' LT	1
	111+56 16' LT	1
	111+54 26' RT	1
	111+58 26' RT	1
	117+27 18' RT	1
	117+29 16' LT	1
	119+26 16' LT	1
	112+86 16' LT	1
	112+87 16' RT	1
	125+69 16' RT	1
	131+81 16' LT	1
	131+83 16' RT	1
	135+72 16' RT	1
	136+45 16' RT	1
	139+09 16' RT	1
	141+08 16' RT	1
	142+09 16' LT	1
	142+09 16' RT	1
	146+07 16' RT	1
	TOTAL	31

PAY CODE	ITEM	QUANTITY
Z0033600	LONGITUDINAL JOINT REPAIR	
	LOCATION DESCRIPTION FOOT	
	RIVER DR	
	101+78 146+00 VARIOUS LOCATIONS	2,211.0
	TOTAL	2,211.0

PAY CODE	ITEM	QUANTITY
X6060500	CORRUGATED MEDIAN REMOVAL	
	LOCATION OFFSET SQ FT	
	RIVER DR	
	101+32.3 103+21.0	1,209.4
	TOTAL	1,209.4

REVISIONS	DATE
No.	
DESCRIPTION	



2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
SCHEDULE OF QUANTITIES (3)

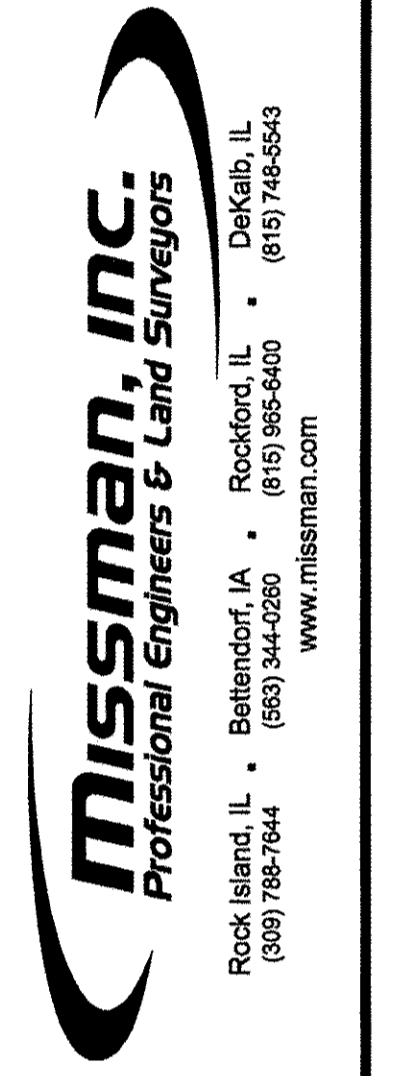
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PAY CODE	ITEM	QUANTITY
XX006343	SEEDING (COMPLETE)	
	LOCATION	SQ YD
	RIVER DR	
	100+83 - 101+78	105.6
	102+52 - 102+65	7.2
	103+31 CE	22.2
	104+04 - 104+20	8.9
	104+33 - 104+46	7.2
	105+82 - 105+92	5.6
	105+16 - 105+29	7.2
	107+15 CE	13.9
	107+06 - 107+22	8.9
	107+48 - 107+64	8.9
	108+01 - 108+11	5.6
	108+10 - 108+25	8.3
	111+12 - 111+22	5.6
	111+46 - 111+61	8.3
	111+48 - 111+64	8.9
	111+70 - 111+80	5.6
	112+54 - 112+64	5.6
	RIVER DR & UNIVERSITY	
	SW QUAD	25.0
	SE QUAD	32.2
	116+95 CE	13.9
	117+21 - 117+34	7.2
	117+23 - 117+36	7.2
	119+21 - 119+34	7.2
	119+77 - 122+97	162.2
	122+65 - 12+97	17.8
	125+35 - 125+45	5.6
	125+64 - 125+74	11.1
	126+69 CE	11.1
	127+62 - 127+72	5.6
	128+11 CE	16.7
	130+33 CE	36.7
	131+77 - 131+87	11.1
	133+06 CE	33.3
	133+22 - 133+51	16.1
	133+72 - 133+82	5.6
	135+67 - 135+77	5.6
	136+10 - 136+16	3.3
	137+17 - 137+27	5.6
	136+40 - 136+50	5.6
	139+03 - 139+13	11.1
	139+46 CE	11.1
	141+03 - 141+13	5.6
	142+04 - 142+14	11.1
	144+60	16.7
	145+78 - 145+83	5.6
	146+01 CE	27.8
	146+00 - 146+50	27.8
	TOTAL	805.6

PAY CODE	ITEM	QUANTITY
XX006989	INLETS, SPECIAL REMOVE AND REPLACE LID	
	LOCATION	EACH
	RIVER DR	
	127+68	1
	137+22	1
	139+08	1
	TOTAL	3

PAY CODE	ITEM	QUANTITY
XX009049	REMOVE AND REPLACE CURB & GUTTER (SPECIAL)	
	LOCATION	FOOT
	RIVER DR	
	103+10	43.0
	106+84	64.0
	116+75	37.0
	120+42	47.0
	126+50	38.0
	127+83	51.0
	130+01	59.0
	132+84	44.0
	139+22	48.0
	145+83	17.0
	TOTAL	448.0

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No.		



**2017 MOLINE RESURFACING**  
MOLINE, ILLINOIS  
**SCHEDULE OF QUANTITIES (4)**

Missman Project No:  
B16M001

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B16M001-SCHEDULE QTY -  
RIVER.DWG

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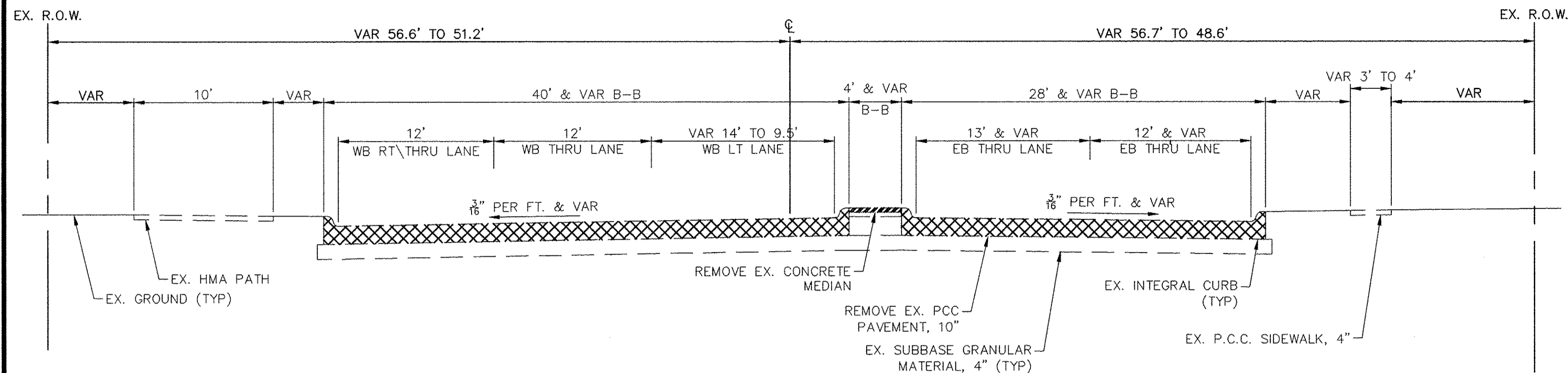
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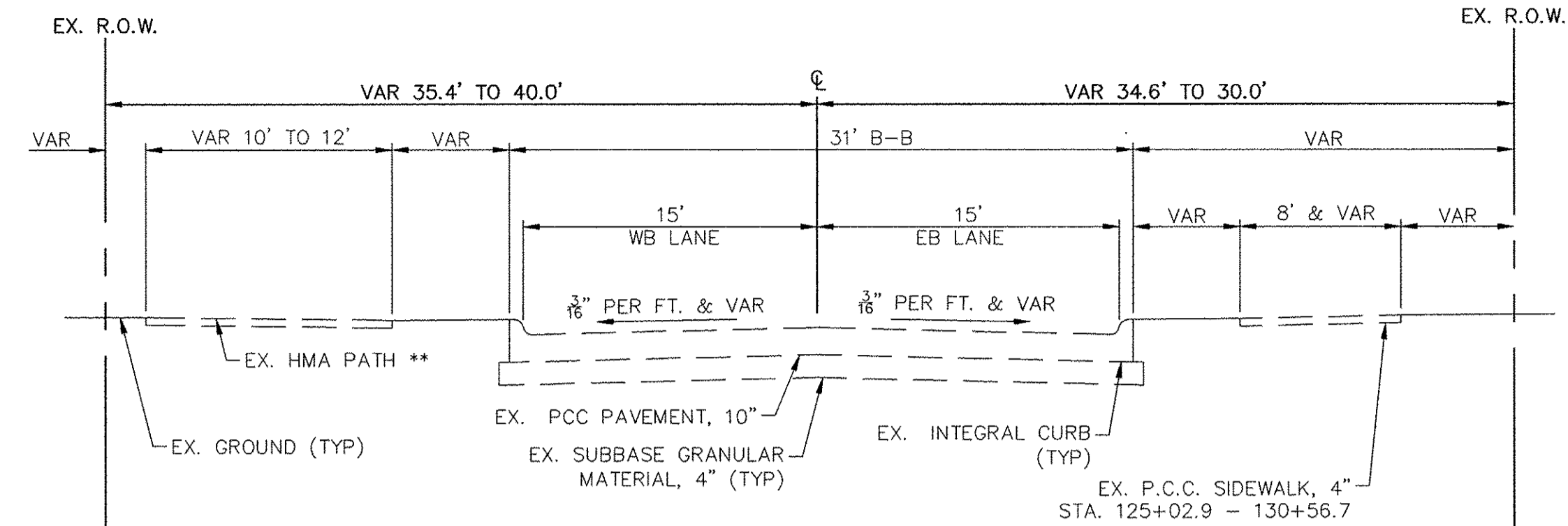
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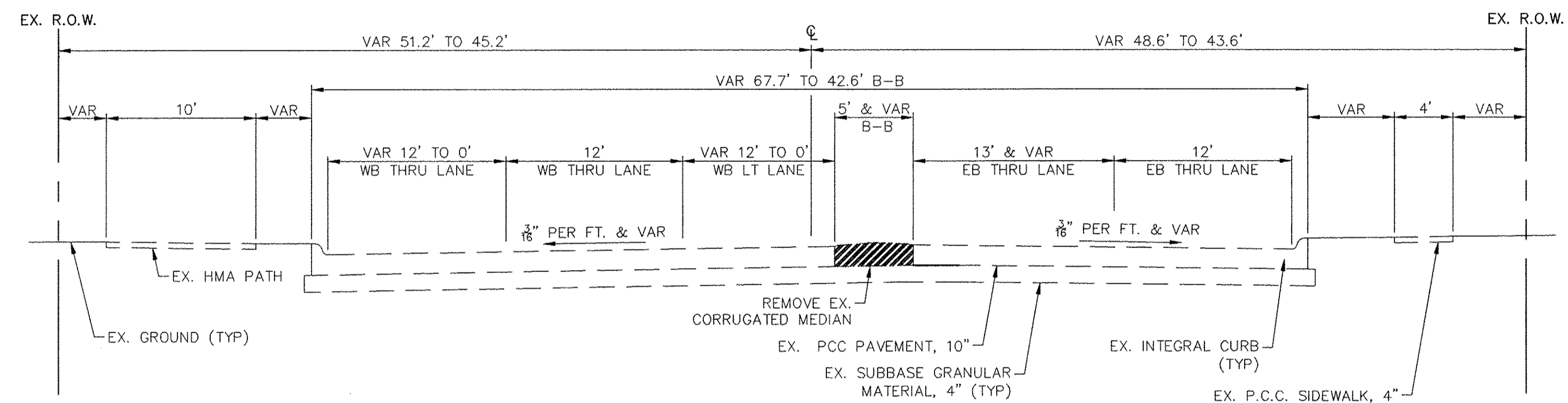
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 CONCRETE MEDIAN ENDS STA 101+32.26  
 REMOVE EX. CORRUGATED MEDIAN STA 101+32.26 TO 103+20.95

**STA. 100+83.00 TO 101+78.00  
 RIVER DRIVE**



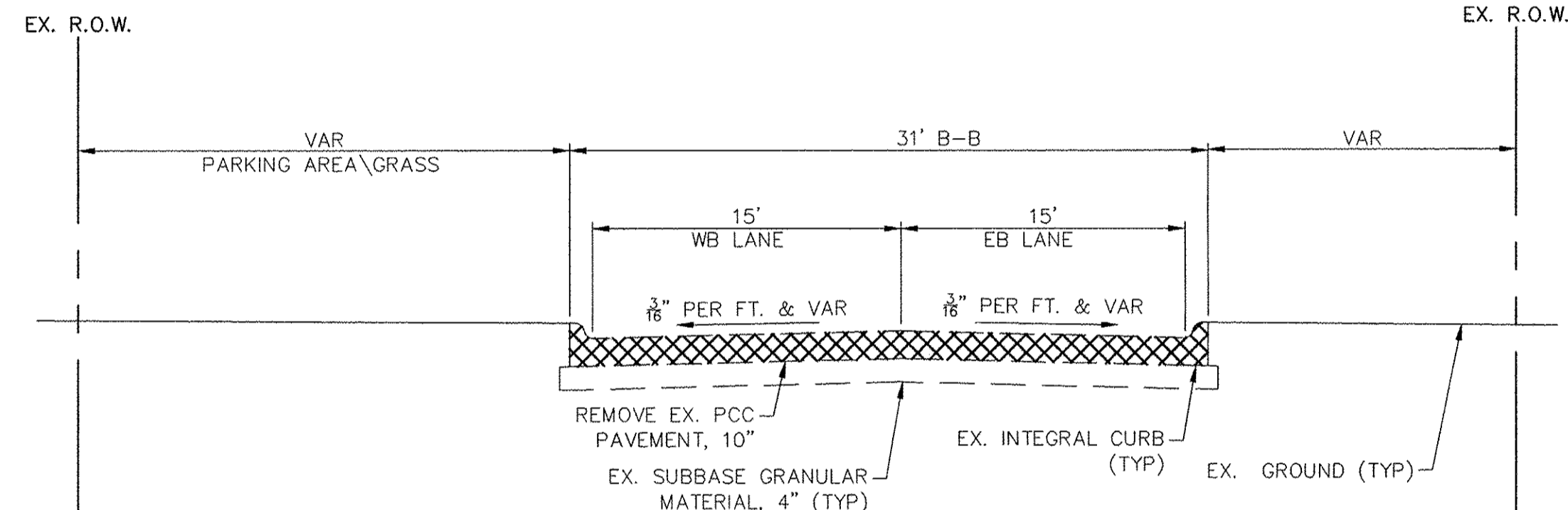
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**STA. 117+62.45 TO 146+00.00  
 RIVER DRIVE**

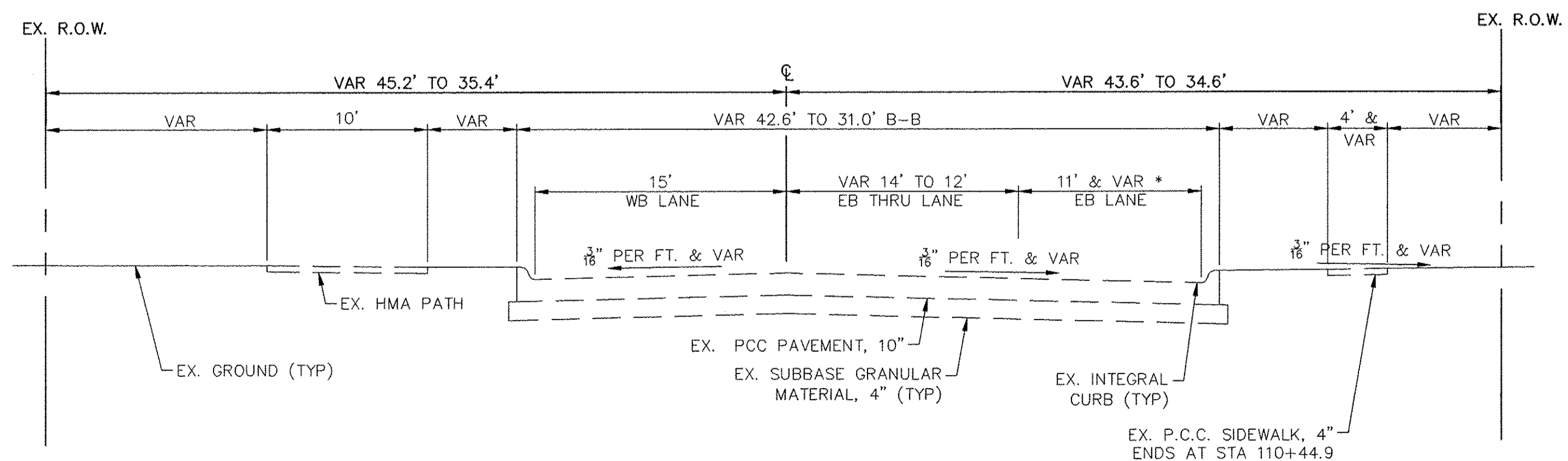


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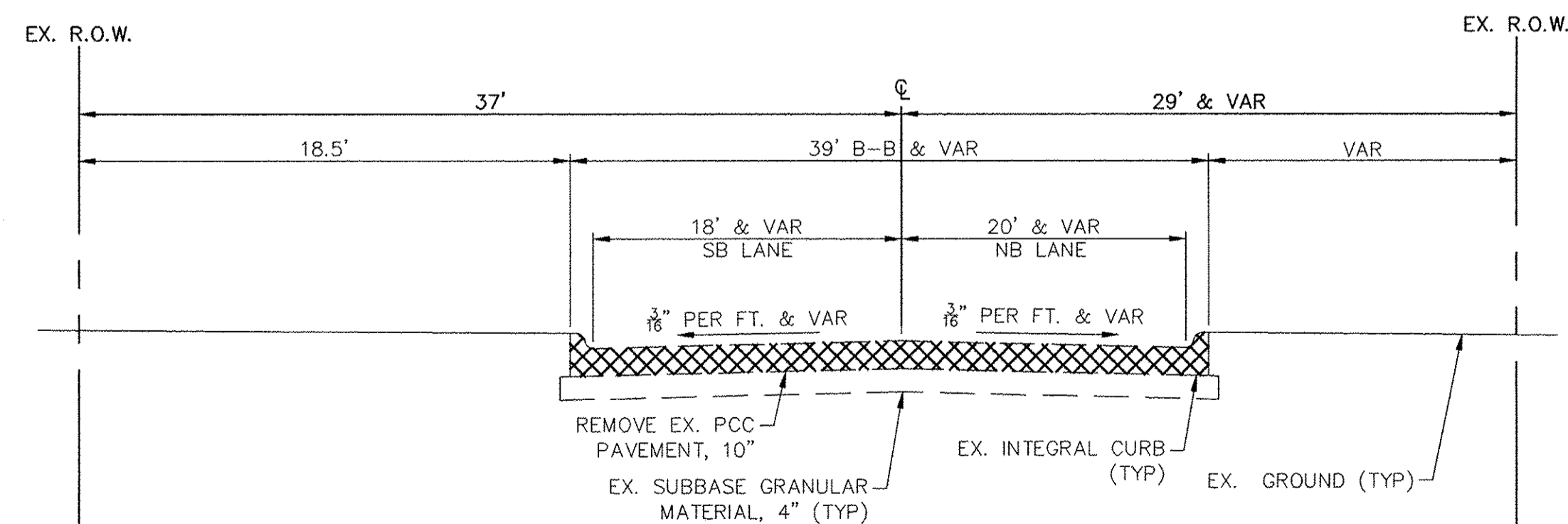
**STA. 101+78.00 TO 105+21.92  
 RIVER DRIVE**



**STA. 146+00 TO 146+50.00  
 RIVER DRIVE**



**STA. 105+21.92 TO 117+62.45  
 RIVER DRIVE**



**STA. 409+32.99 - 409+74.45  
 UNIVERSITY DRIVE**

\* STA 105+21.92 - 106+21.00 = MERGE LANE @ 11'  
 STA 106+21.00 - 110+24.00 = STRIPING TO RESTRICT PAVEMENT USE @ 15'  
 STA 110+24.00 - 114+64.00 = RT TURN LANE @ 12'  
 STA 114+64.00 - 117+62.45 = PAVT TAPER, MERGE TO SINGLE EB LANE

REVISIONS	DATE
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 MOLINE, ILLINOIS  
 EXISTING TYPICAL  
 SECTIONS**

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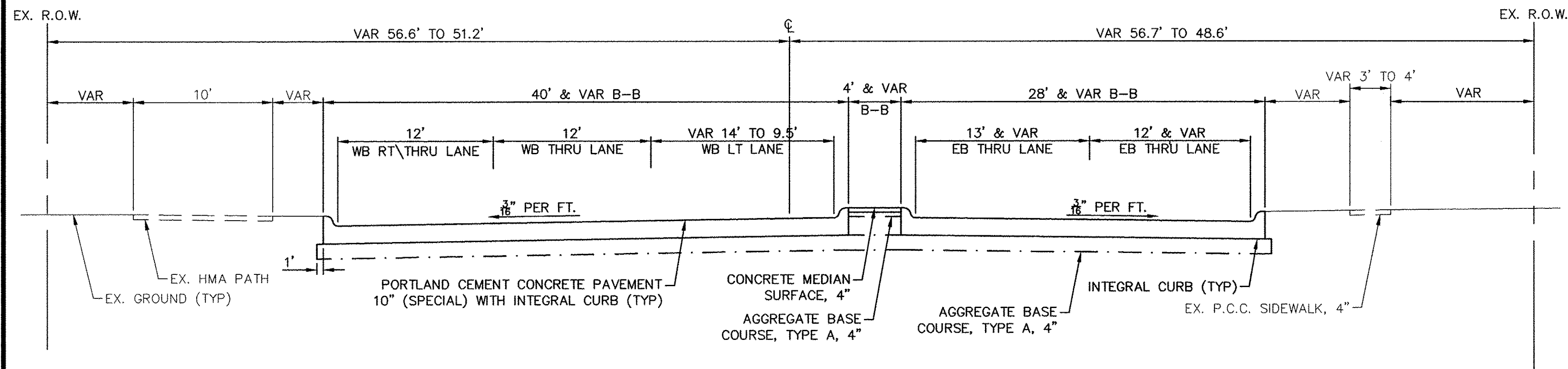
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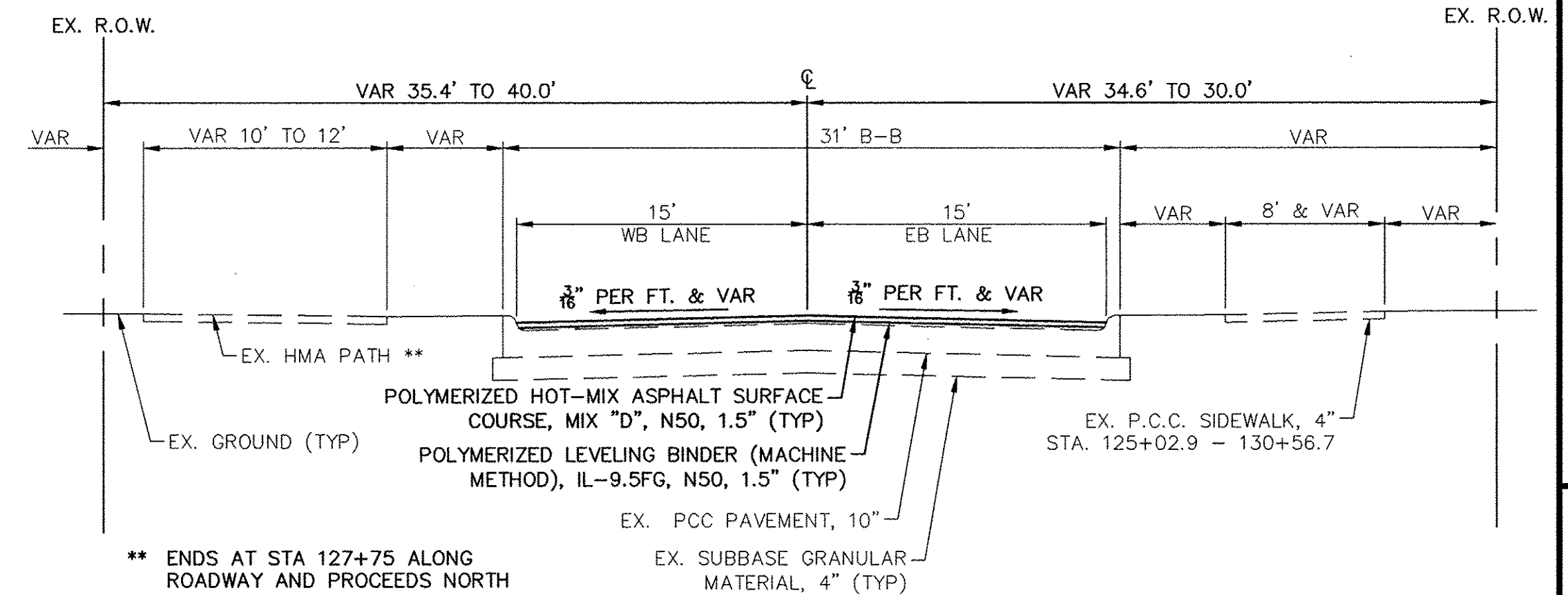
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Date: 04/20/2017



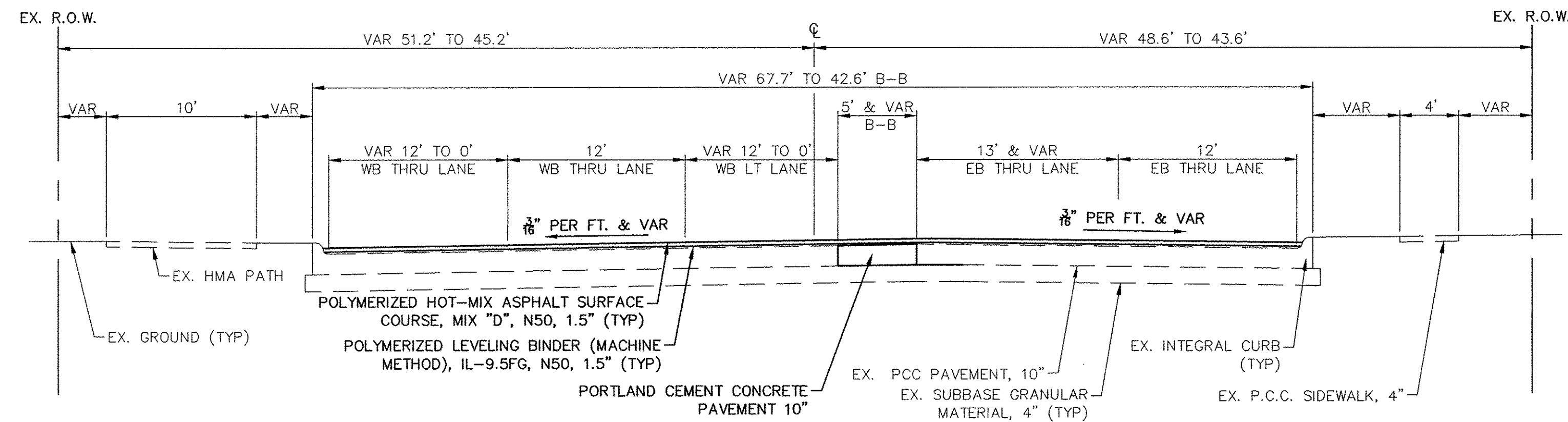
NOTE:  
 CONCRETE MEDIAN ENDS STA 101+32.26  
 REMOVE EX. CORRUGATED MEDIAN STA 101+32.26 TO 103+20.95

**STA. 100+83.00 TO 101+78.00  
 RIVER DRIVE**



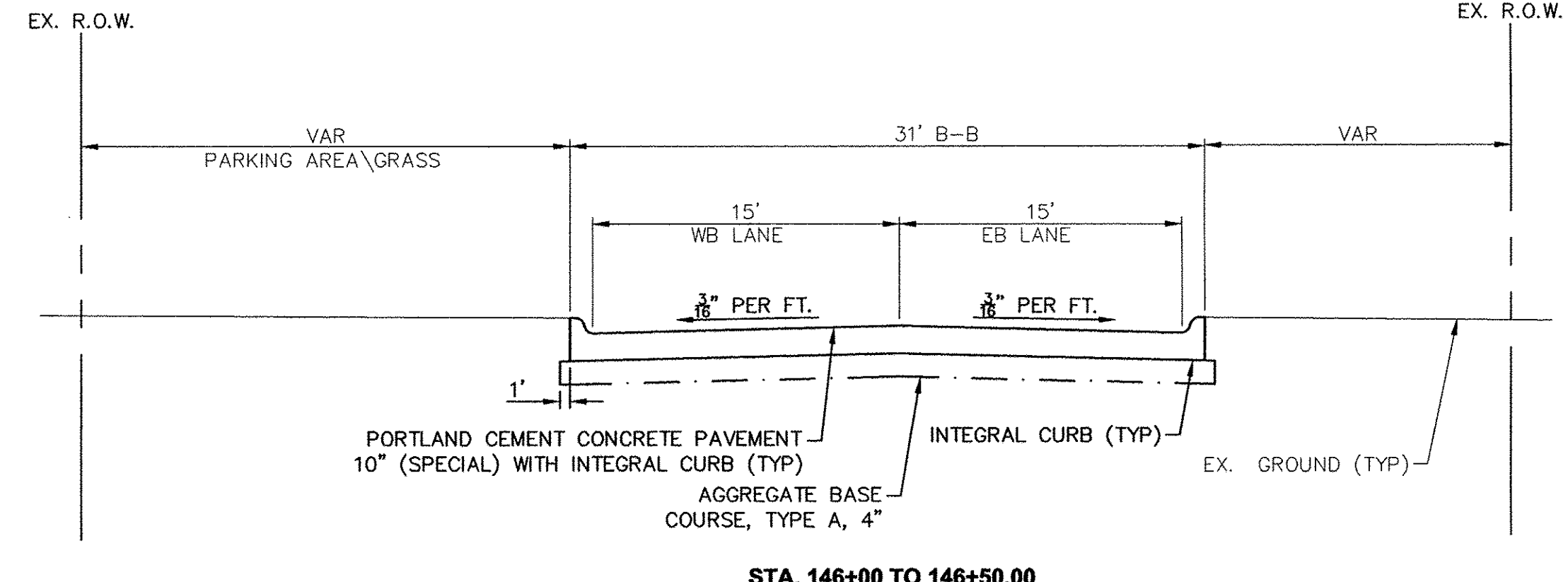
\*\* ENDS AT STA 127+75 ALONG  
 ROADWAY AND PROCEEDS NORTH

**STA. 117+62.45 TO 146+00.00  
 RIVER DRIVE**

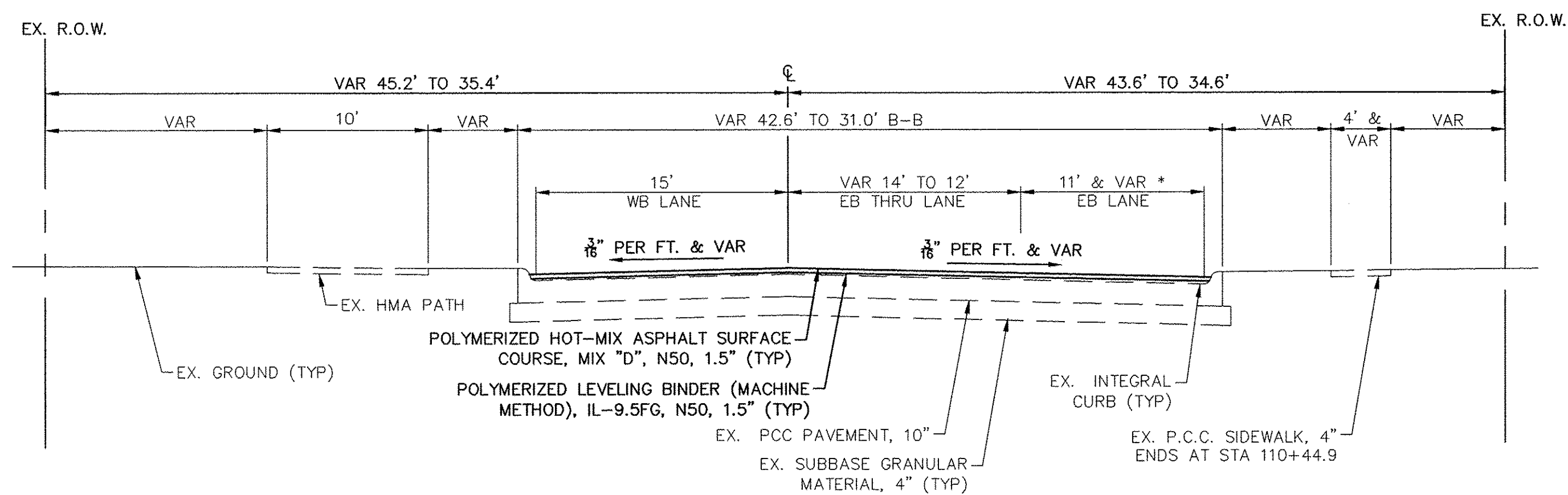


NOTE:  
 REMOVE EX. CORRUGATED MEDIAN STA 101+32.26 TO 103+20.95

**STA. 101+78.00 TO 105+21.92  
 RIVER DRIVE**

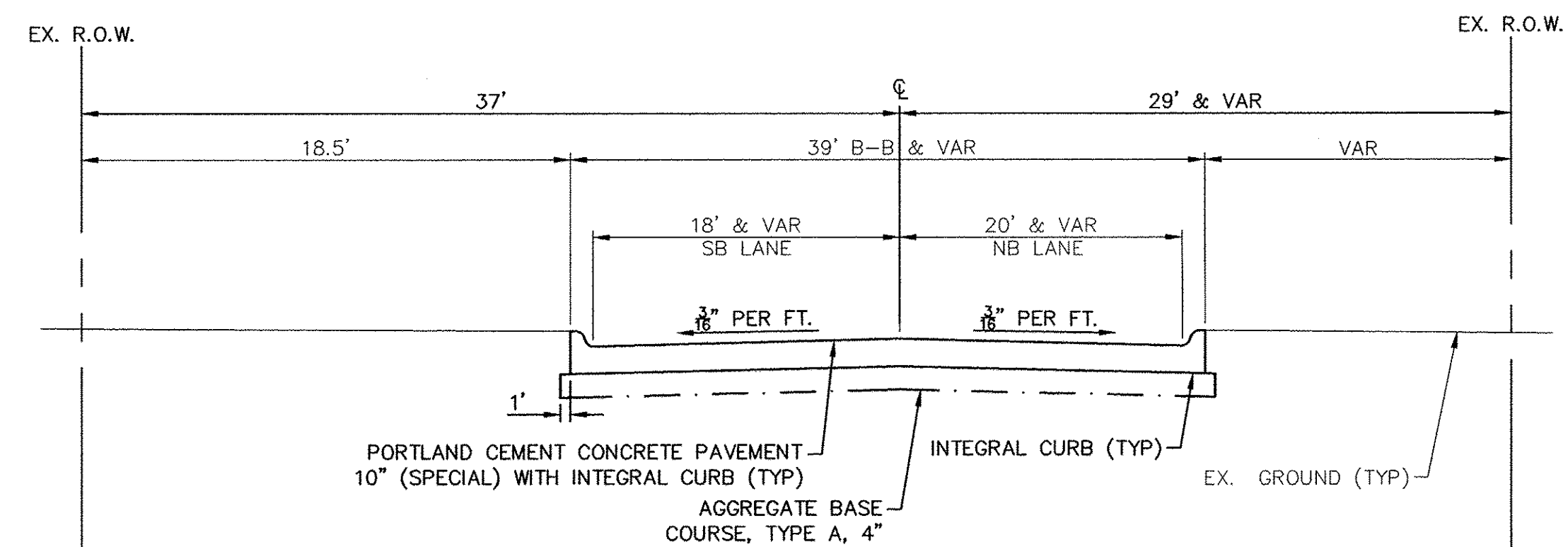


**STA. 146+00 TO 146+50.00  
 RIVER DRIVE**



**STA. 105+21.92 TO 117+62.45  
 RIVER DRIVE**

\* STA 105+21.92 - 106+21.00 = MERGE LANE @ 11'  
 STA 106+21.00 - 110+24.00 = STRIPING TO RESTRICT PAVEMENT USE @ 15'  
 STA 110+24.00 - 114+64.00 = RT TURN LANE @ 12'  
 STA 114+64.00 - 117+62.45 = PAVT TAPER, MERGE TO SINGLE EB LANE



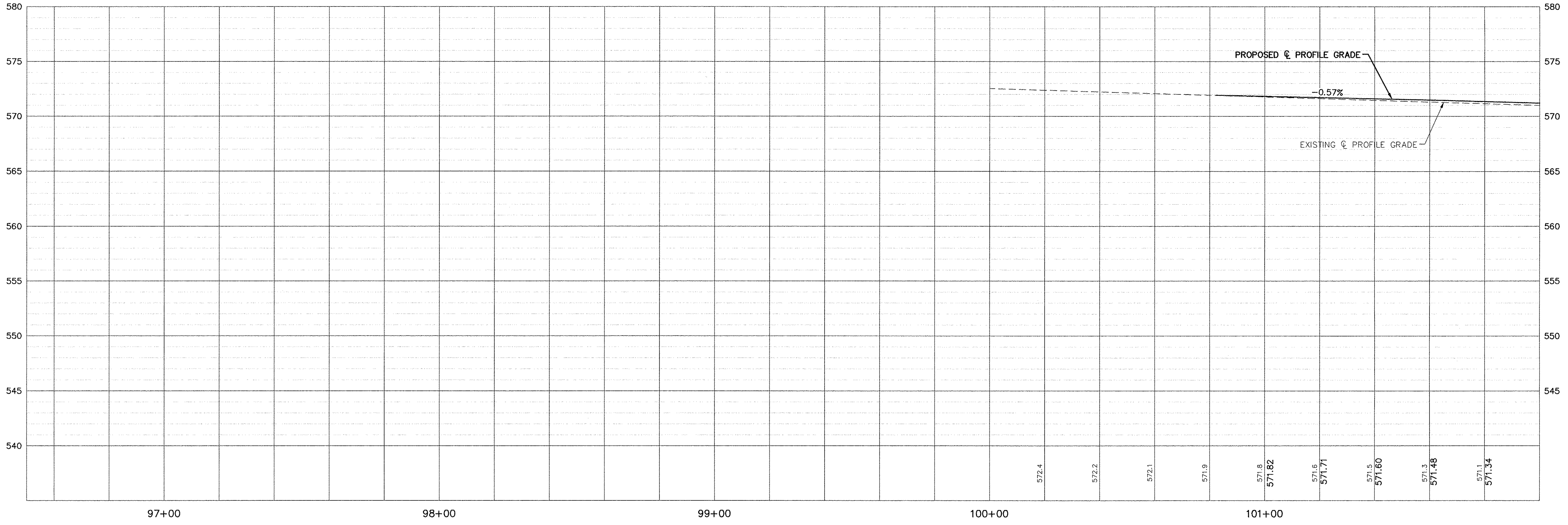
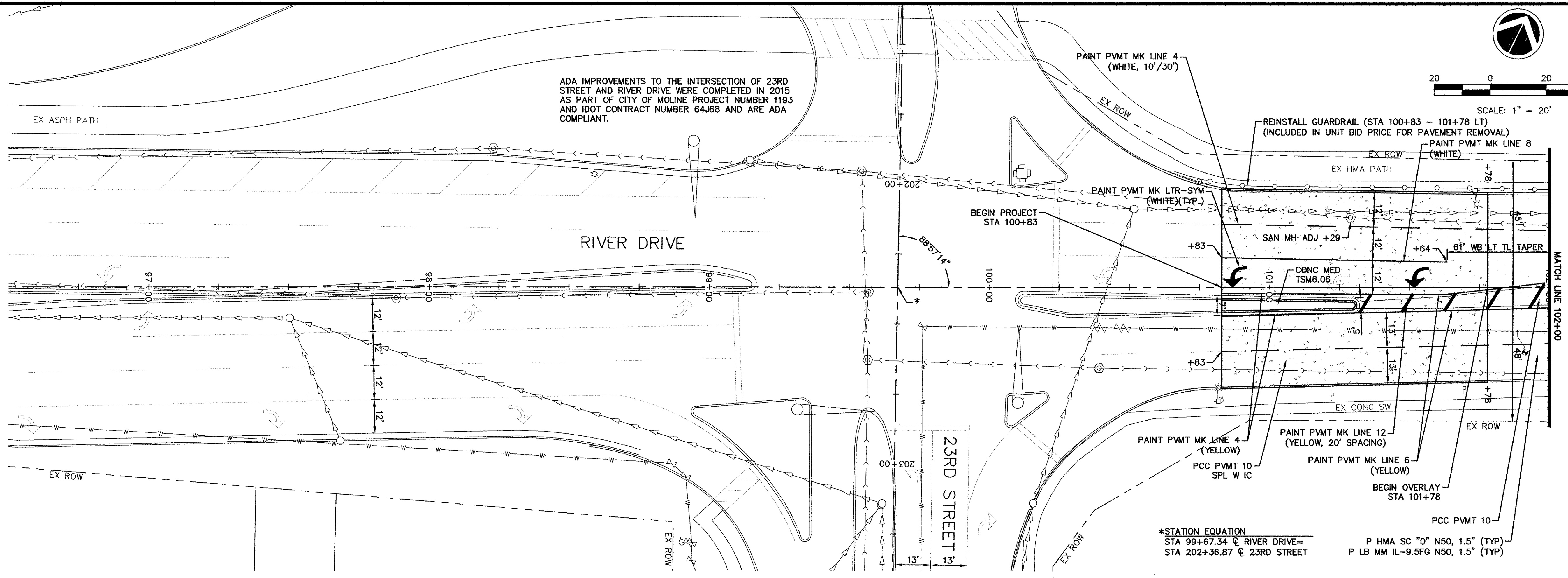
**STA. 409+32.99 - 409+74.45  
 UNIVERSITY DRIVE**

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 MOLINE, ILLINOIS  
 PROPOSED TYPICAL  
 SECTIONS**

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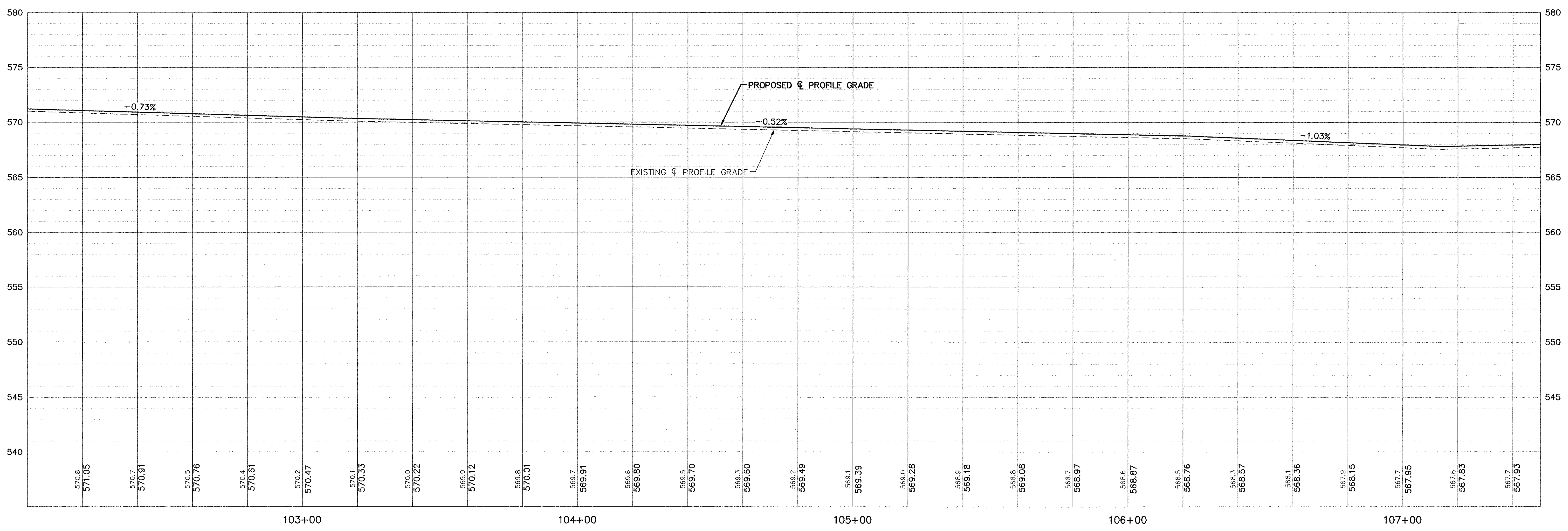
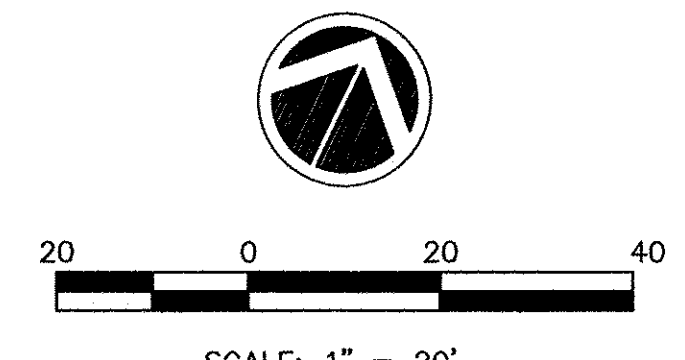
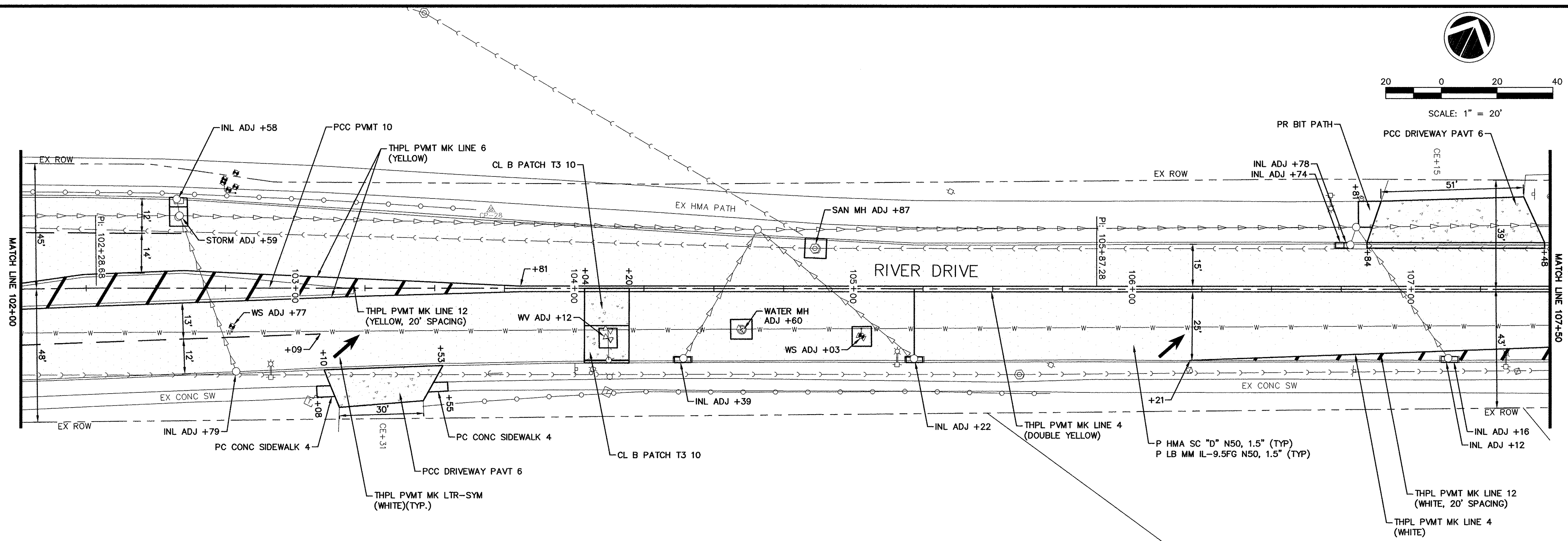
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 MOLINE, ILLINOIS  
**RIVER DRIVE PLAN**  
 STA 100+83 - 102+00

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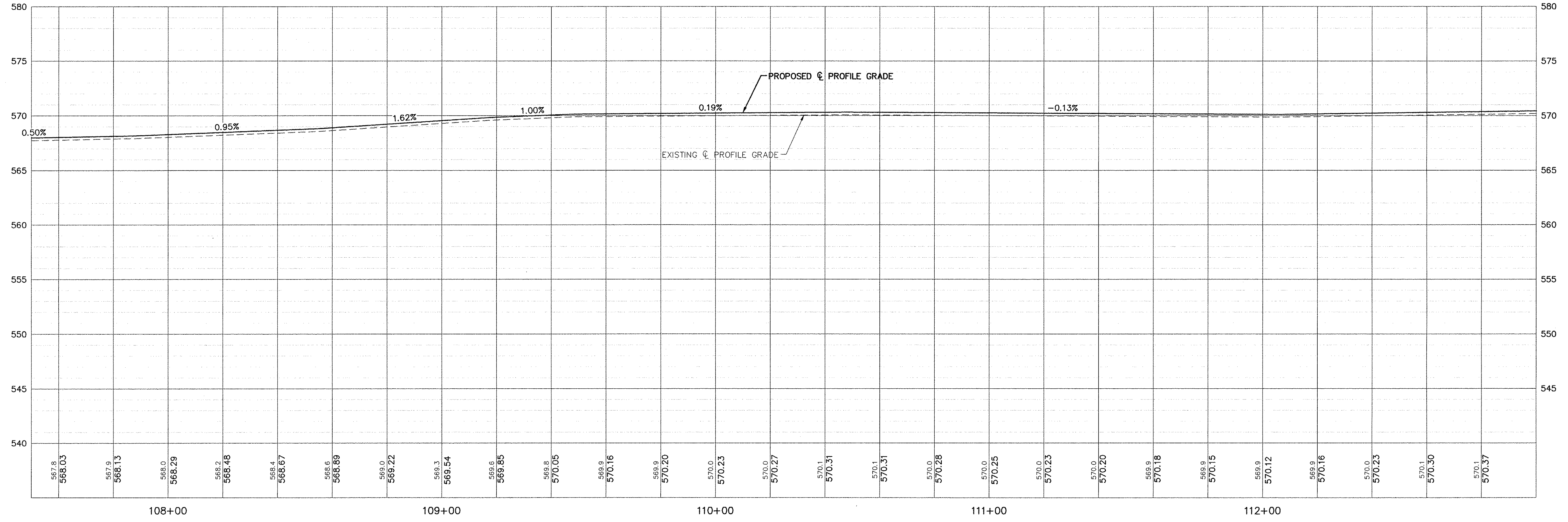
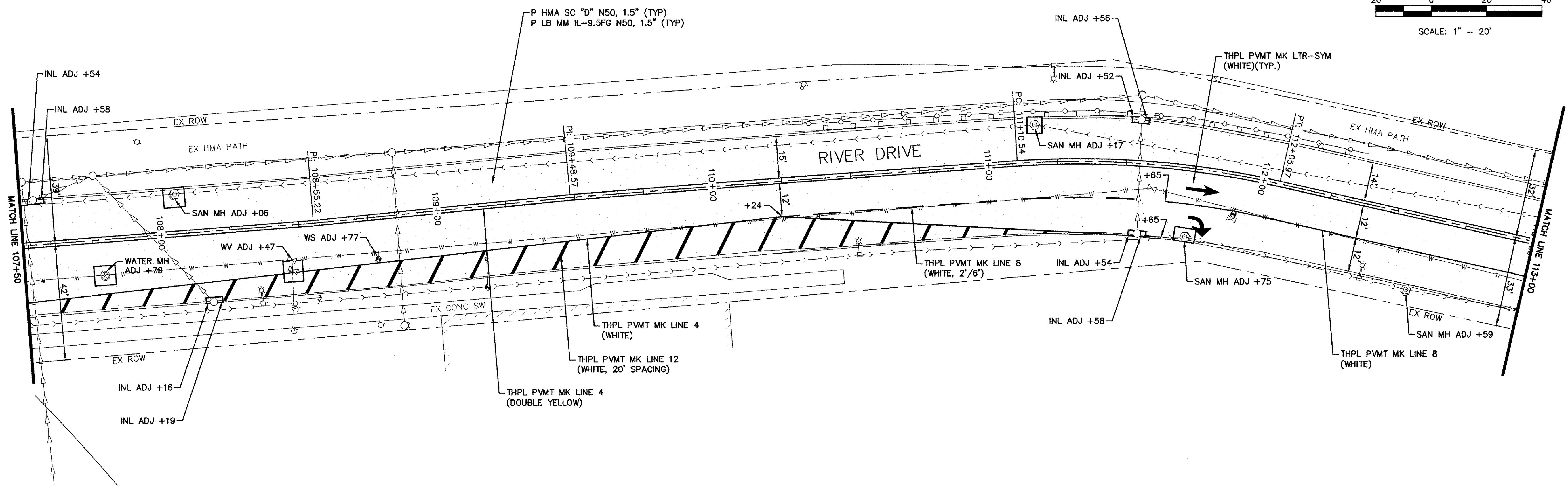
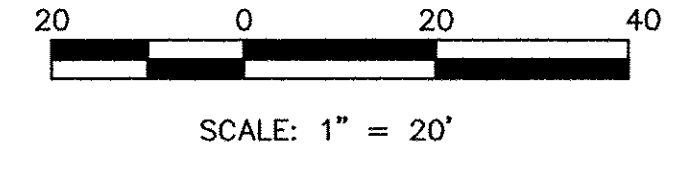
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**2017 MOLINE RESURFACING**  
MOLINE, ILLINOIS  
**RIVER DRIVE PLAN**  
STA 102+00 - 107+50

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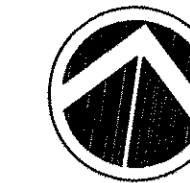
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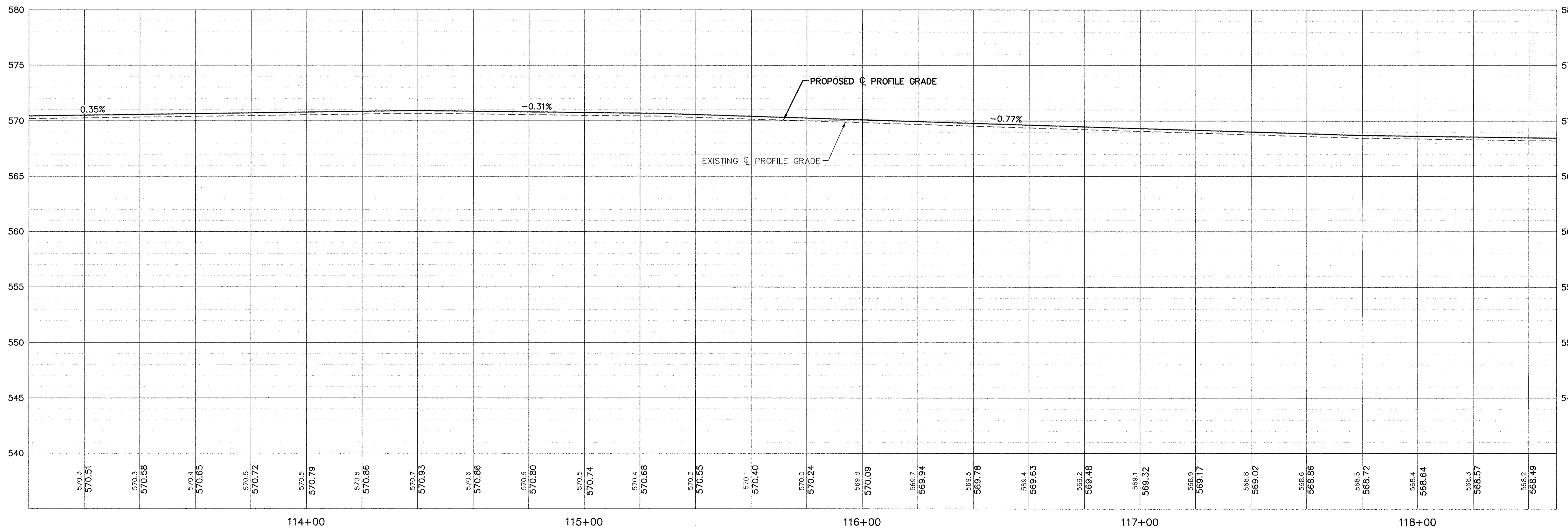
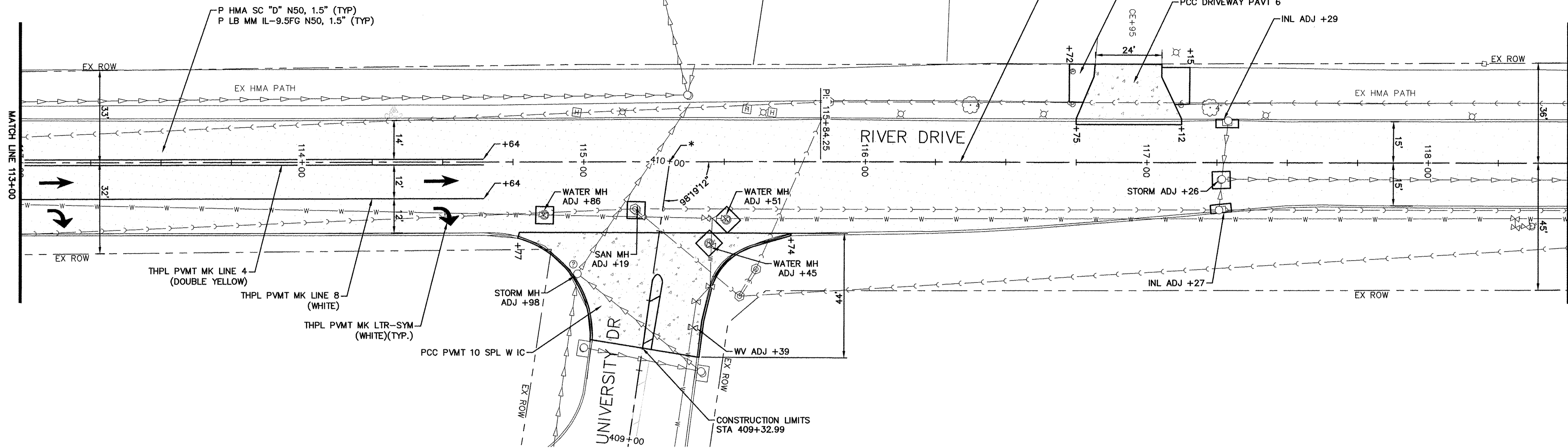
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MOLINE, ILLINOIS  
**RIVER DRIVE PLAN**  
STA 107+50 - 113+00

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\*STATION EQUATION  
 STA 115+30.64 @ RIVER DRIVE=  
 STA 410+00.00 @ UNIVERSITY DRIVE



SCALE: 1" = 20'



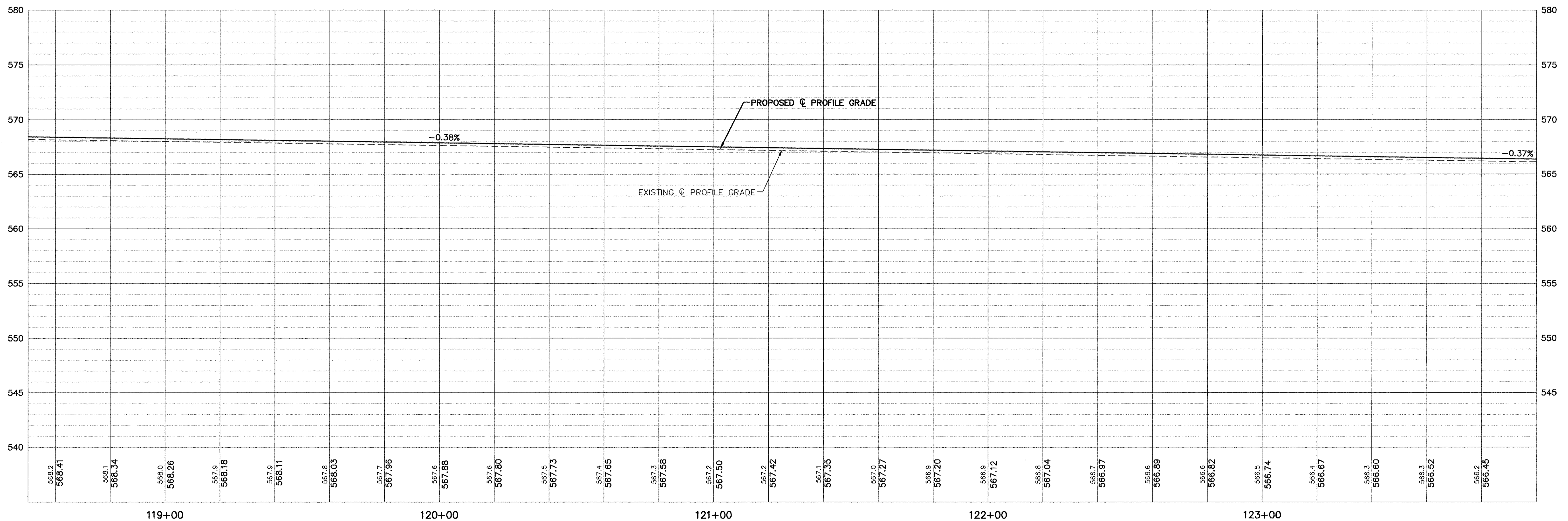
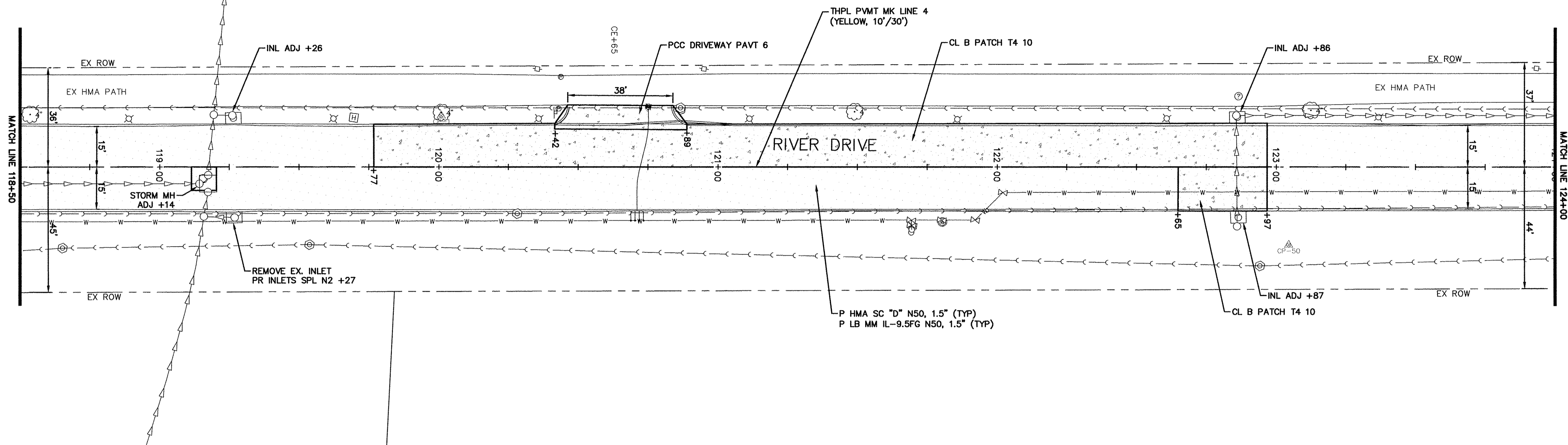
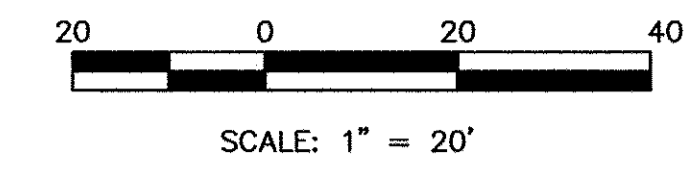
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2017 MOLINE RESURFACING  
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 RIVER DRIVE PLAN  
 STA 113+00 - 118+50

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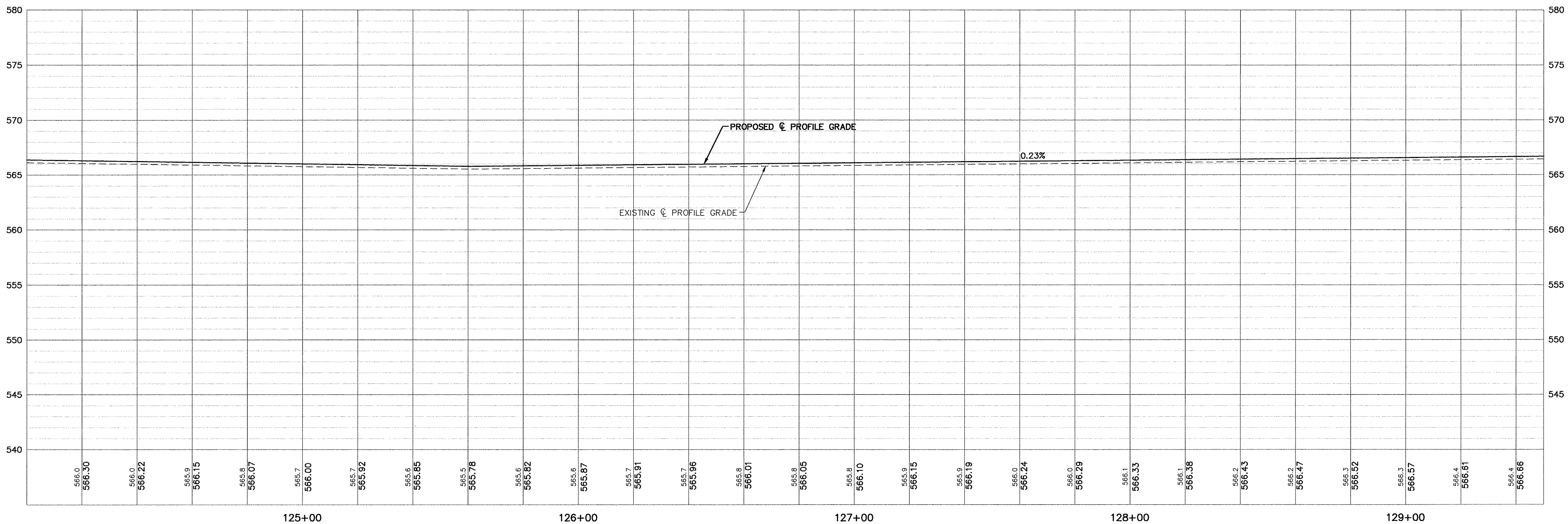
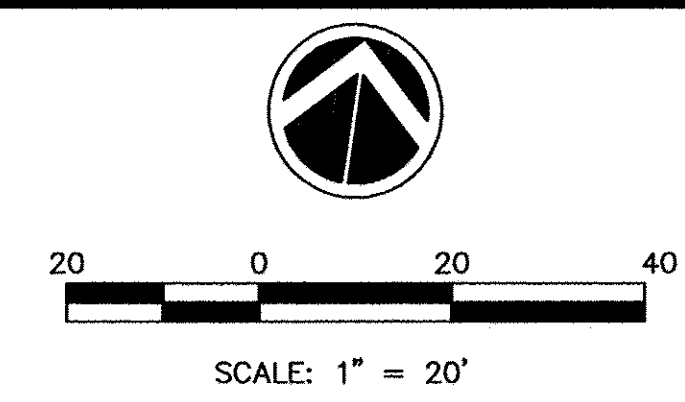
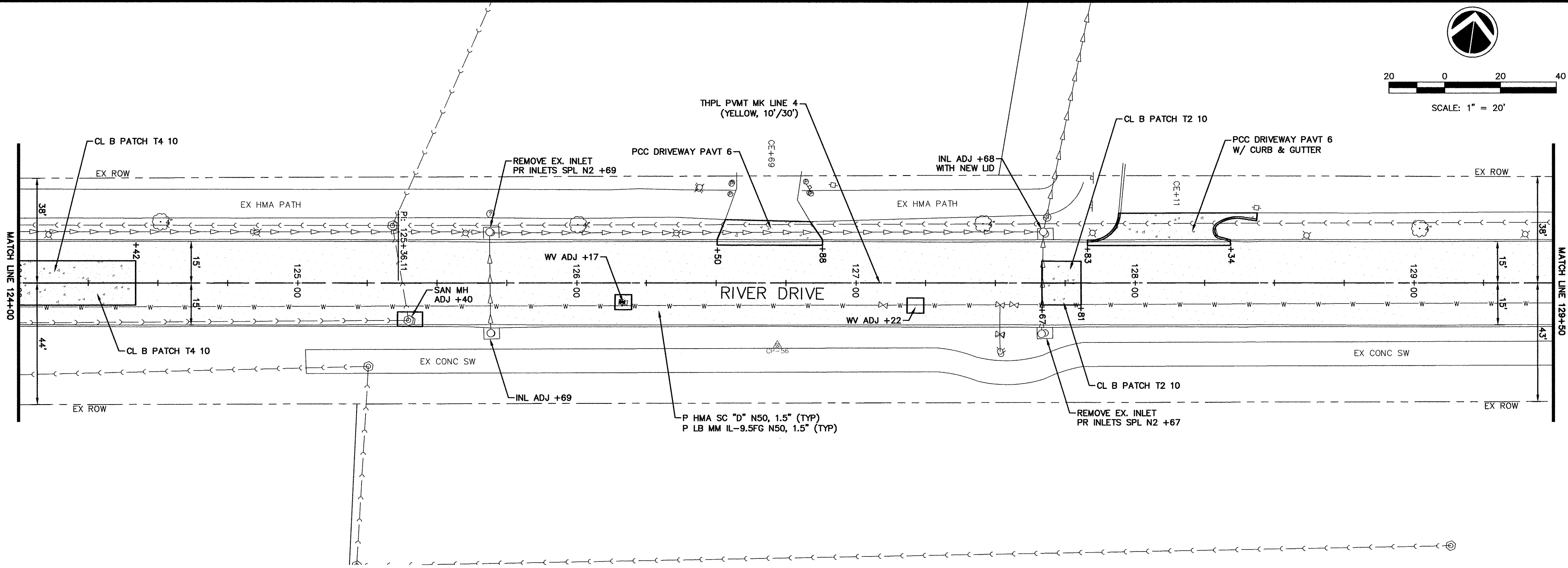
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2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
RIVER DRIVE PLAN  
STA 118+50 - 124+00

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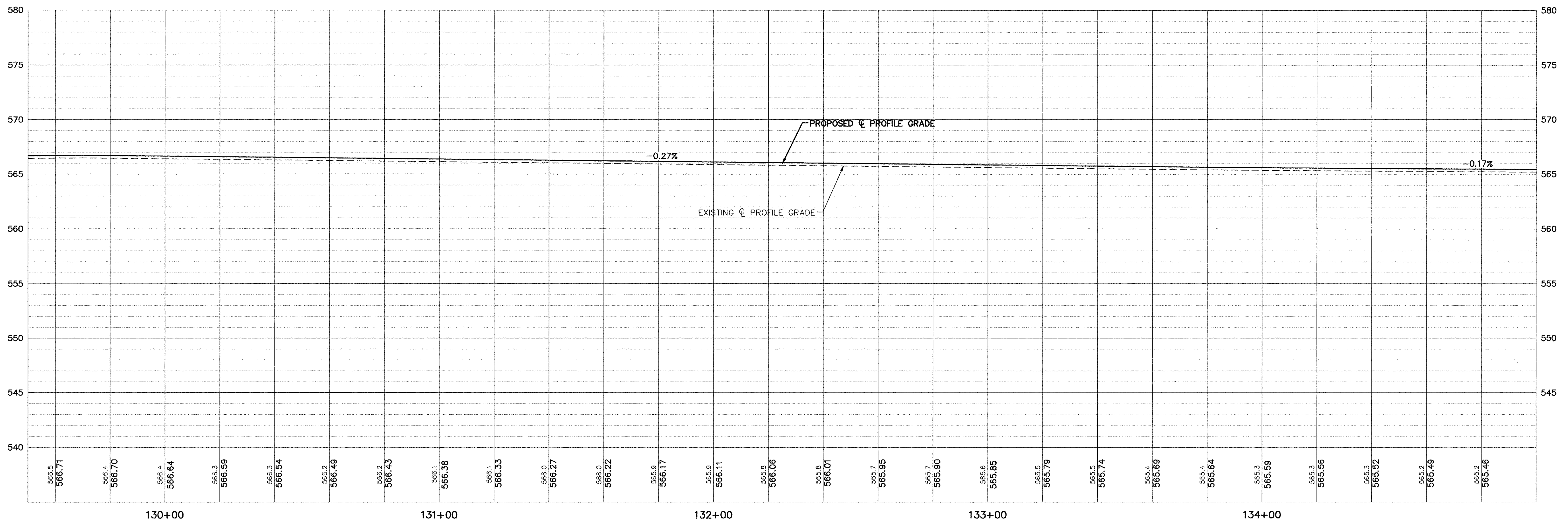
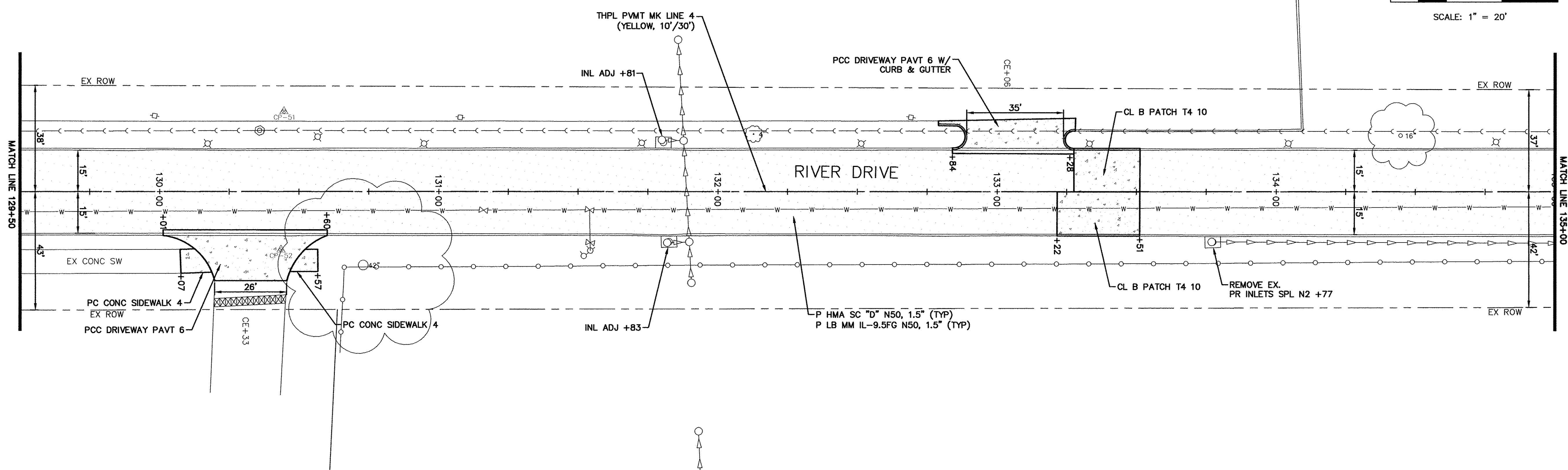
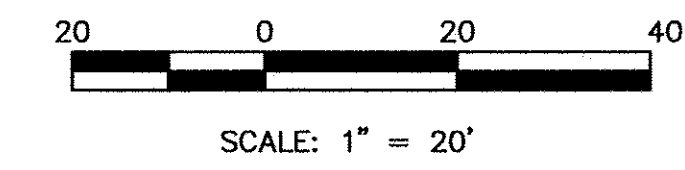
Rock Island, IL (309) 788-7644  
 Bettendorf, IA (563) 344-0226  
 DeKalb, IL (815) 746-5543  
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**2017 MOLINE RESURFACING**  
MOLINE, ILLINOIS  
**RIVER DRIVE PLAN**  
STA 124+00 - 129+50

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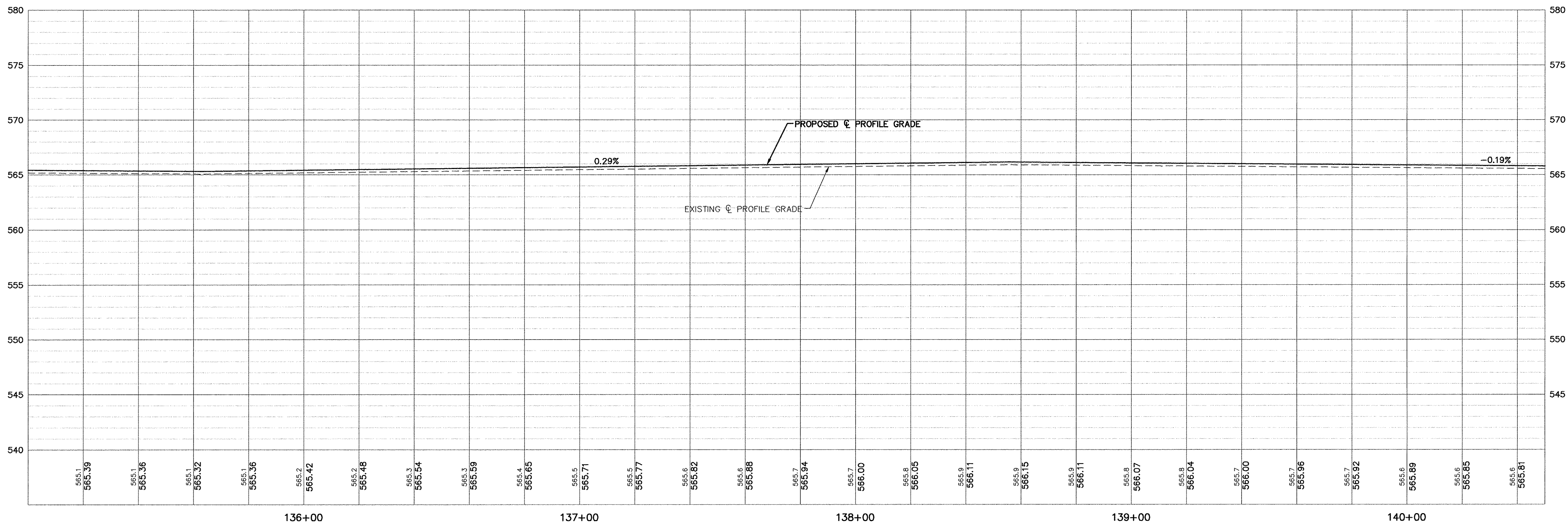
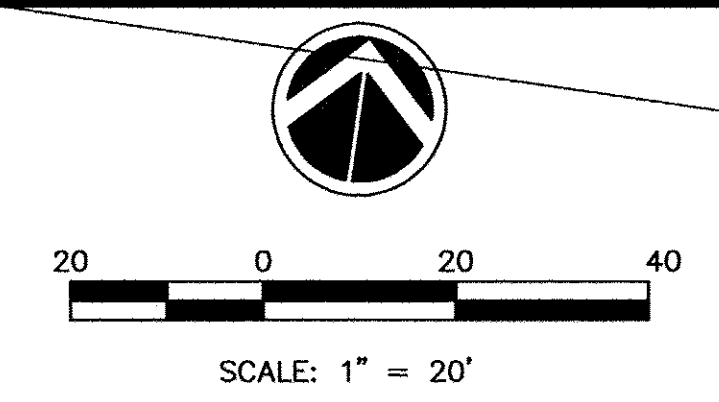
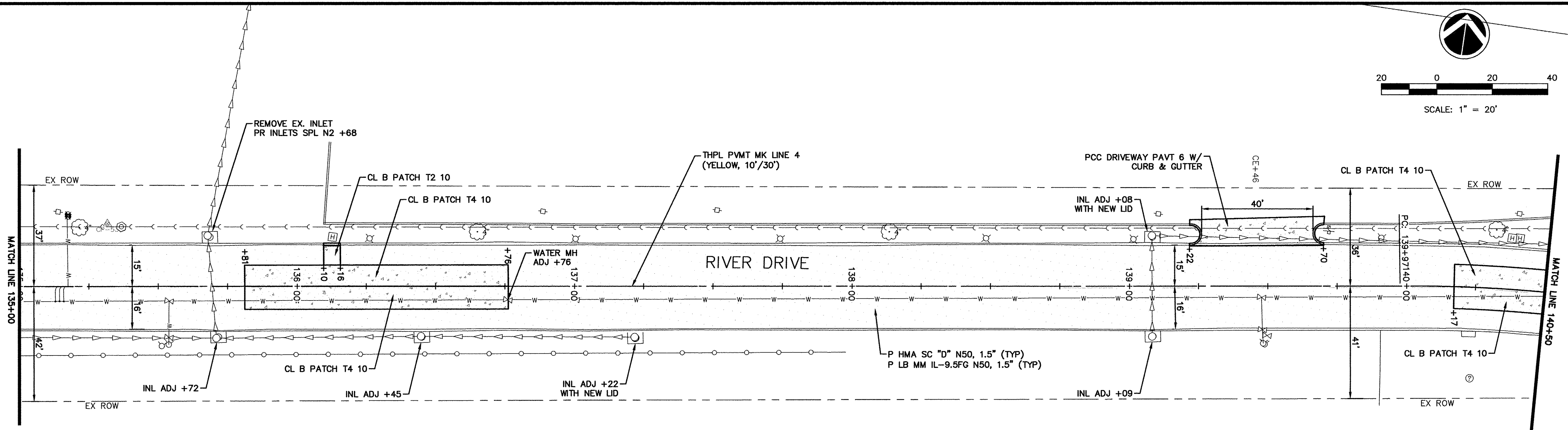
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STA 129+50 - 135+00

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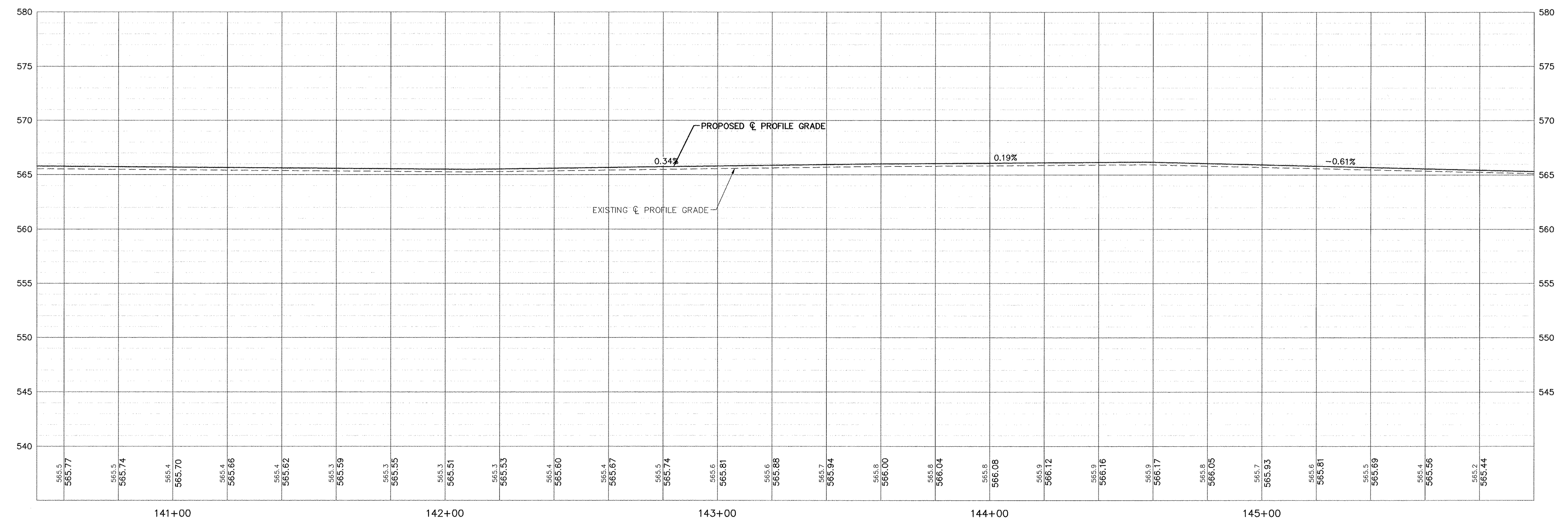
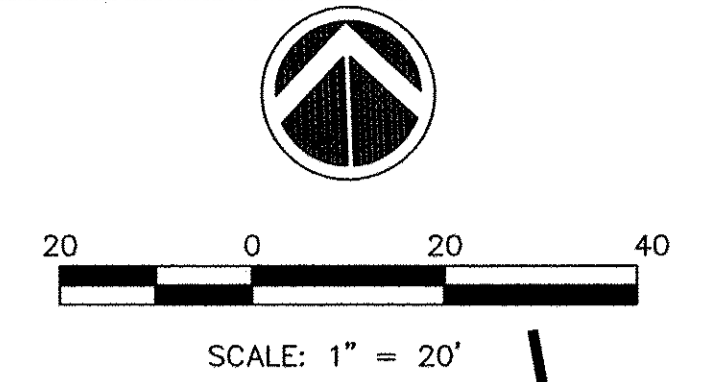
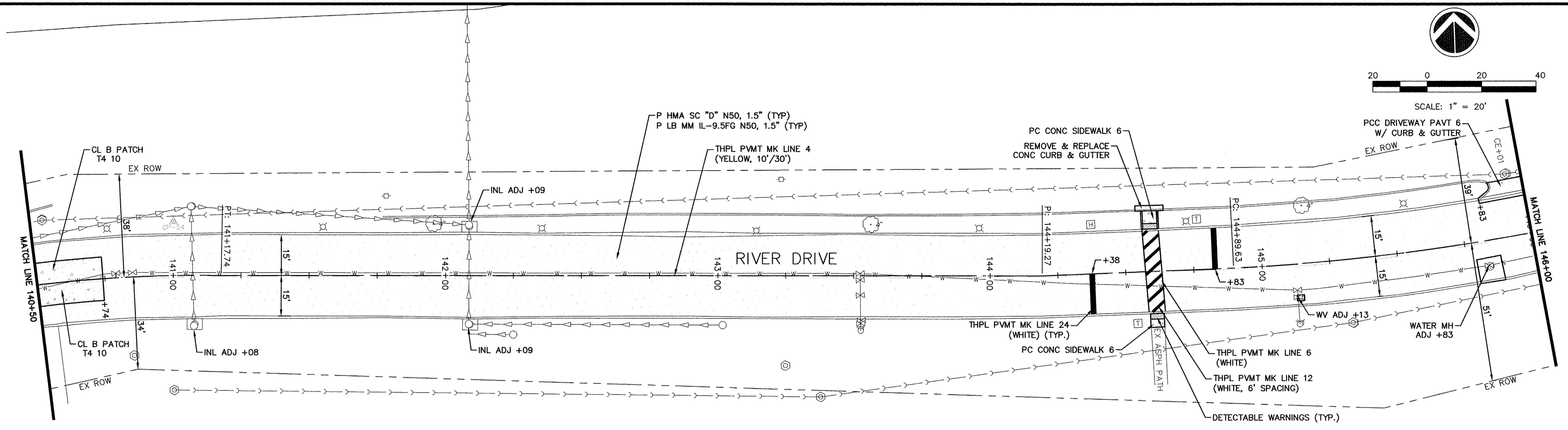
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MOLINE, ILLINOIS  
**RIVER DRIVE PLAN**  
STA 135+00 - 140+50

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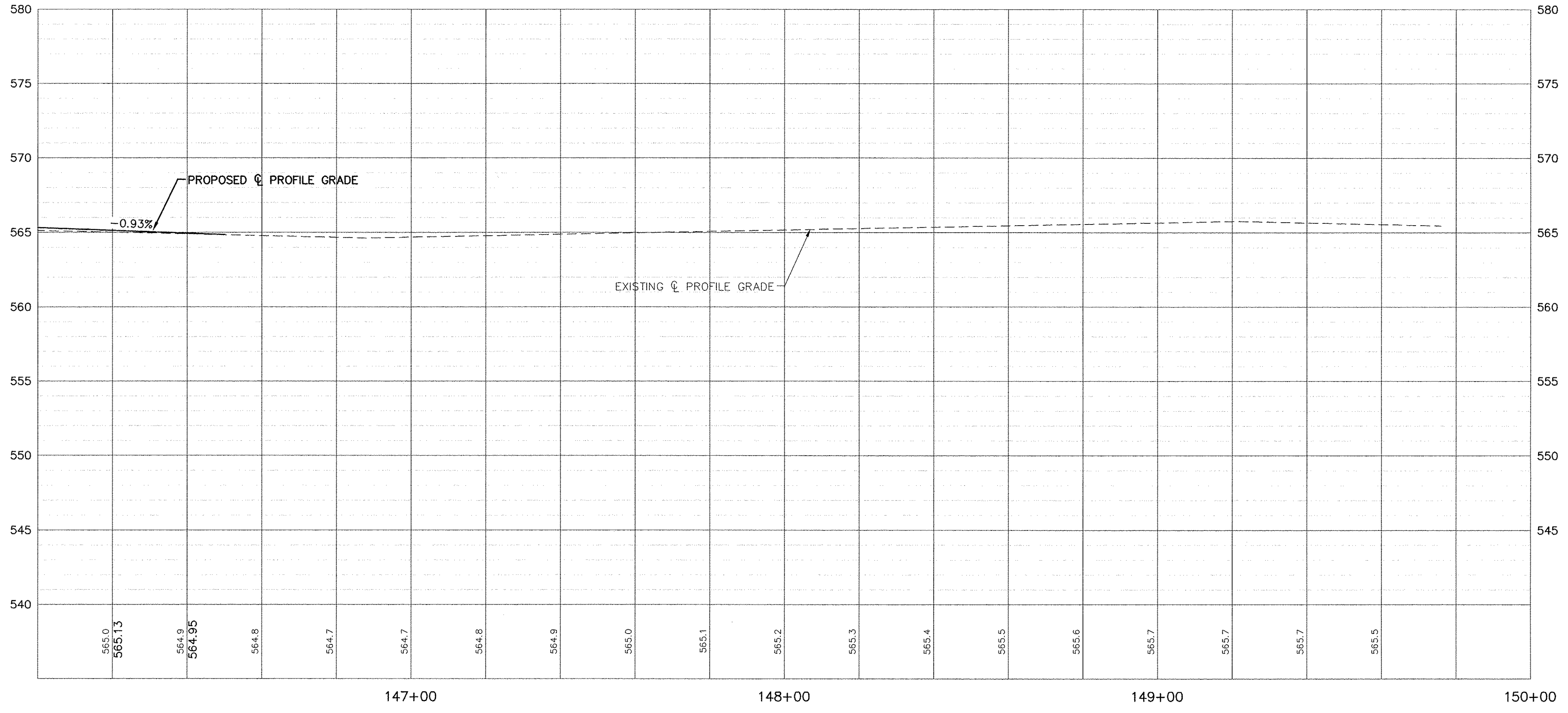
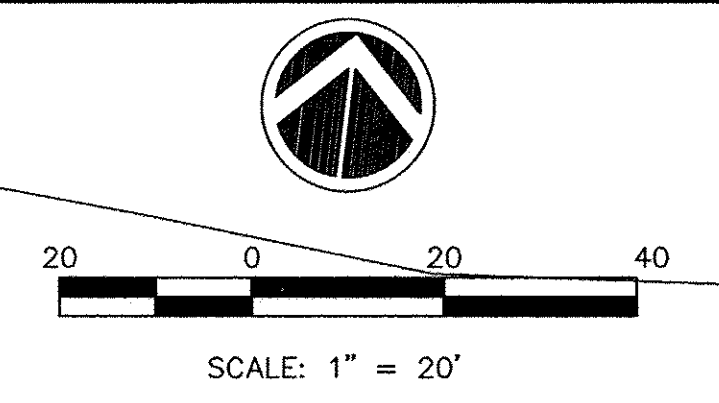
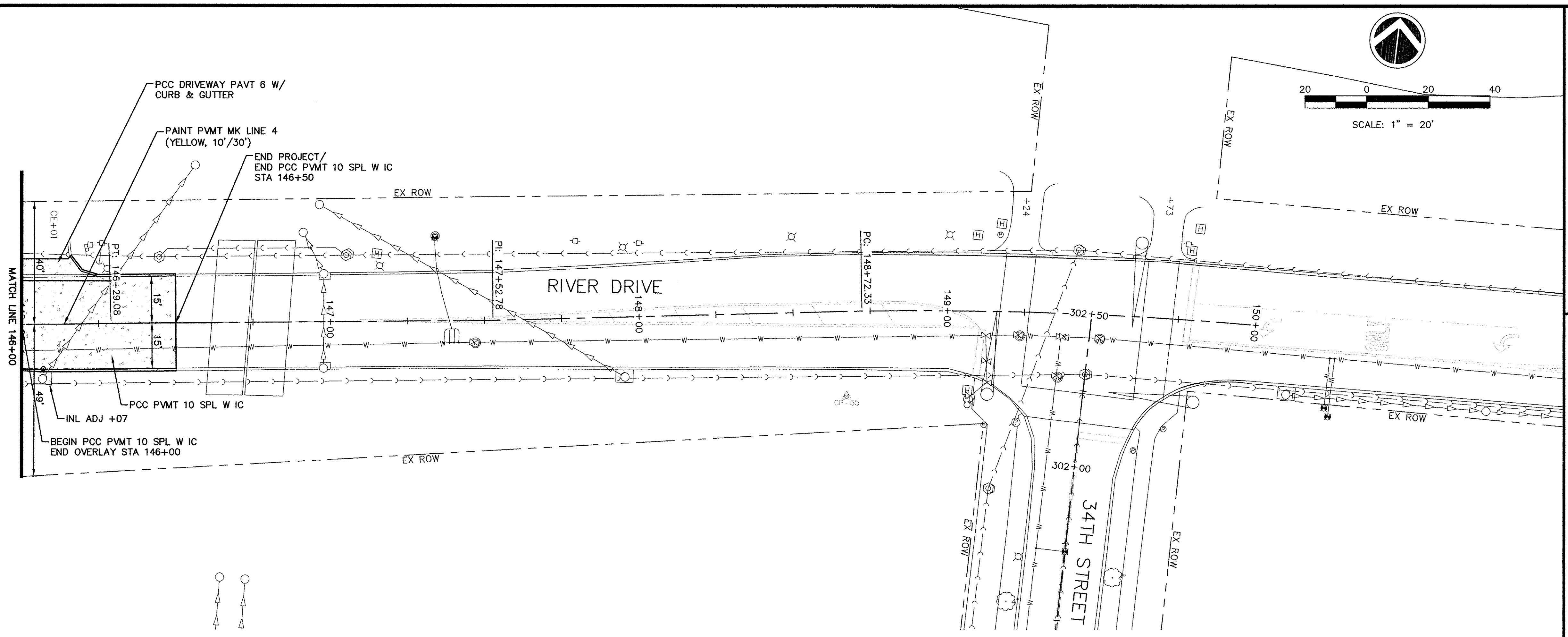
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MOLINE, ILLINOIS  
**RIVER DRIVE STA**  
**PLAN 140+50 - 146+00**

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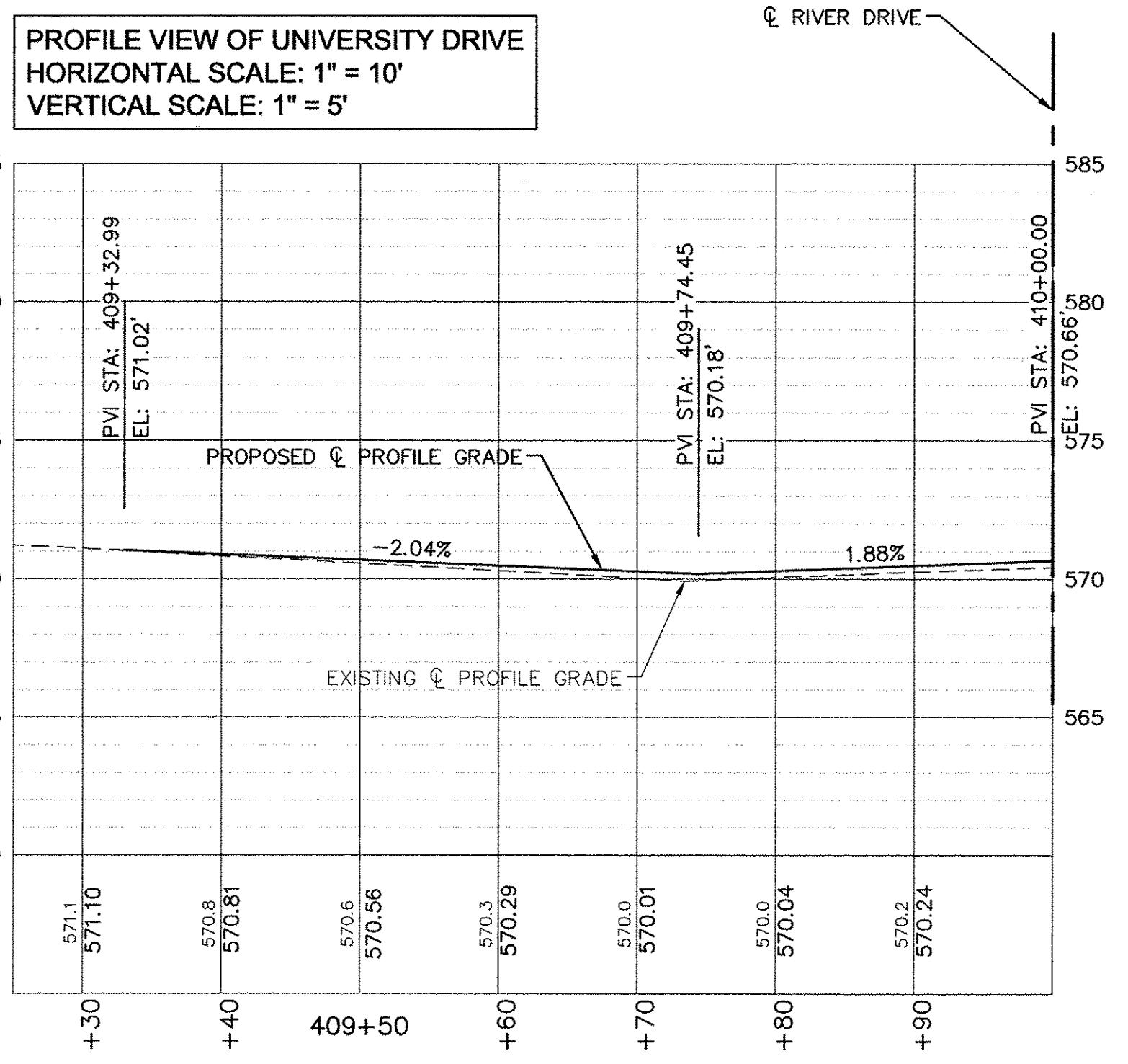
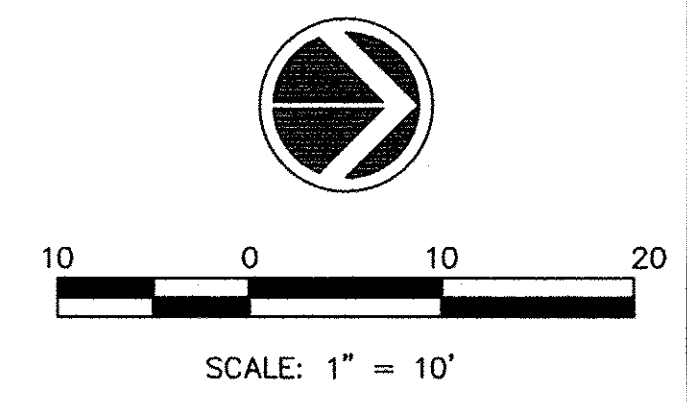
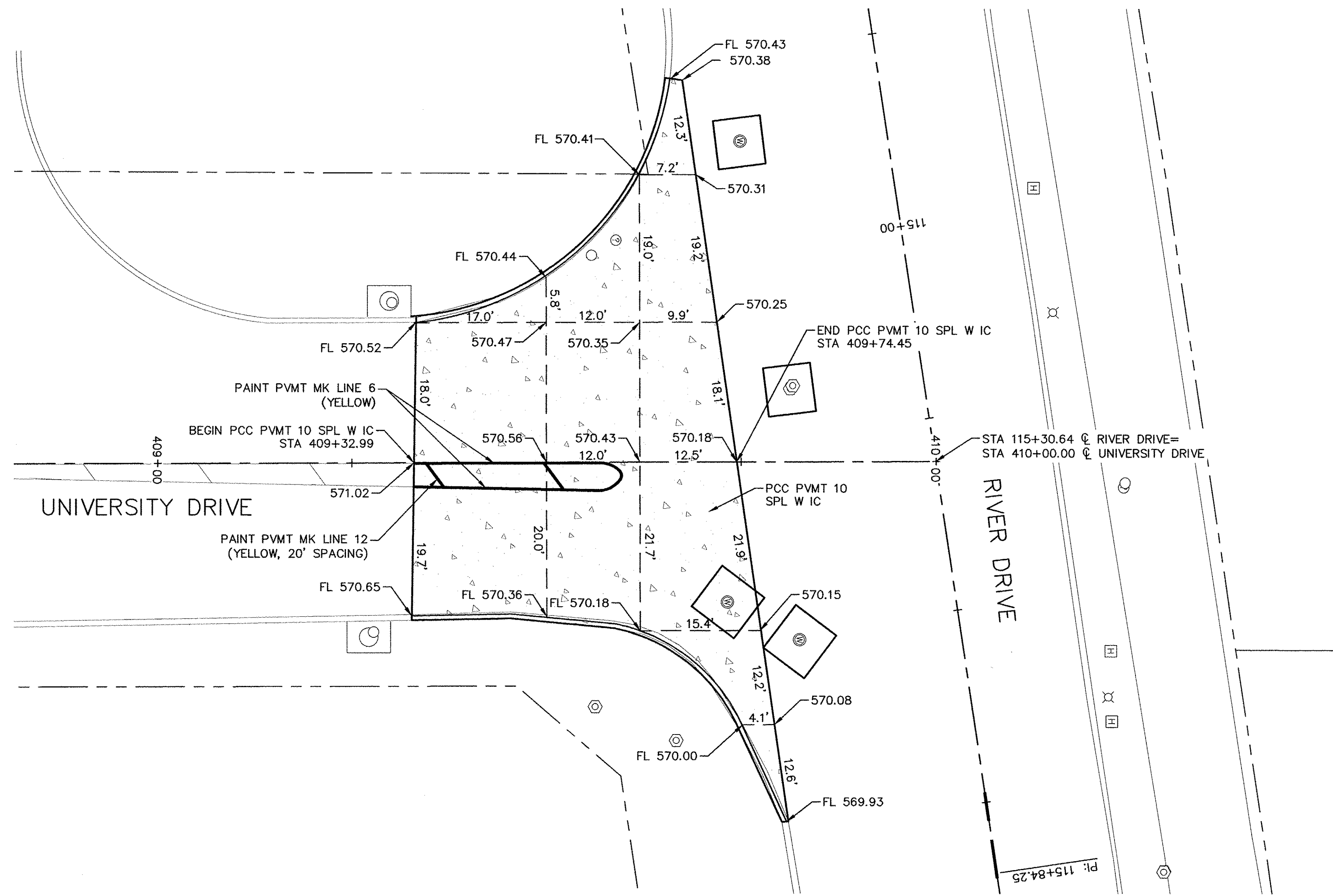
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**RIVER DRIVE**  
**UNIVERSITY DRIVE PLAN**

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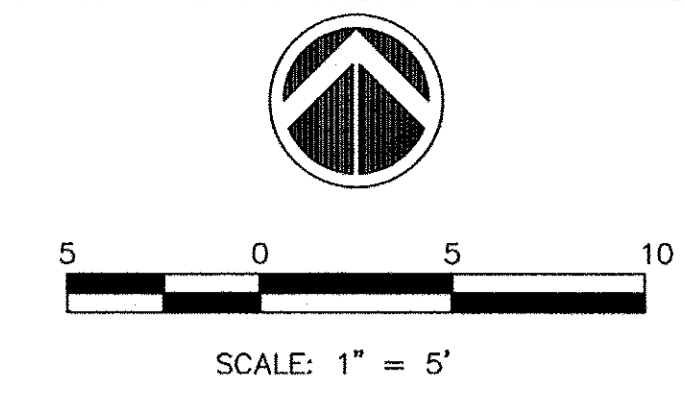
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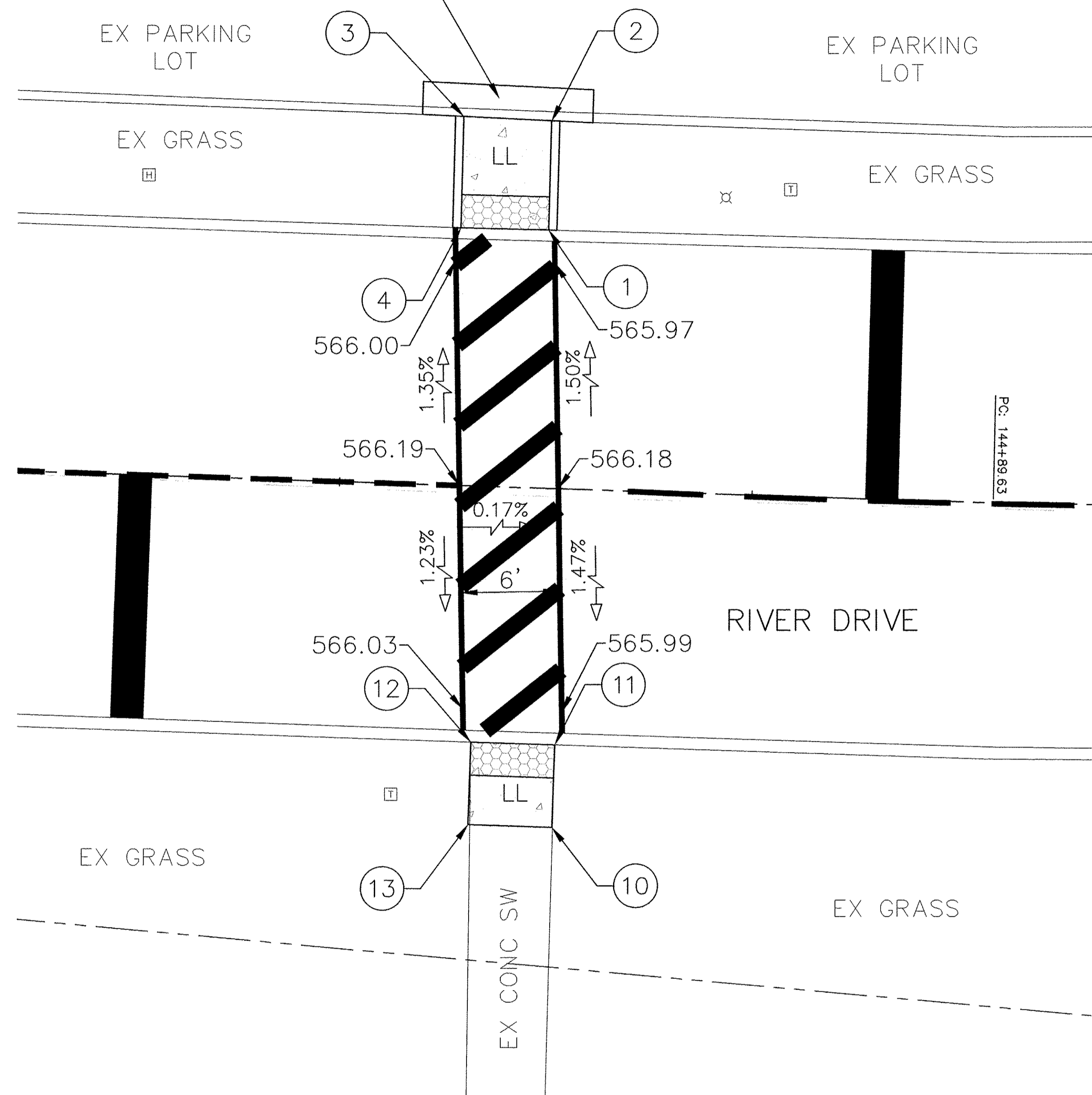
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REMOVE AND REPLACE CURB & GUTTER PER ADA STANDARDS.  
MATCH EXISTING CURB



RIVER DRIVE - ADA SIDEWALK DATA TABLE													
QUAD	POINT	STATION	OFFSET	SIDE	ELEVATION	POINTS		SLOPE TYPE	DISTANCE	ELEVATION DIFF.		SLOPE	DESIGN RANGES
						FROM	TO			FT	FT		
NORTH SIDE	1	144+62.15	15.69	LT	565.91	1	2	LANDING	6.80	-0.05	-0.74%	1.5%	
	2	144+62.12	22.27	LT	565.96	2	3	LANDING	5.30	-0.04	-0.75%	1.5%	
	3	144+56.79	22.39	LT	566.00	3	4	LANDING	6.80	0.05	0.74%	1.5%	
	4	144+56.85	15.66	LT	565.95	4	1	GUTTER SLOPE	5.30	0.04	0.75%	2.0%	
SOUTH SIDE	10	144+63.55	20.56	RT	565.97	10	11	LANDING	5.00	0.04	0.80%	1.5%	
	11	144+63.55	15.56	RT	565.93	11	12	GUTTER SLOPE	5.00	-0.04	-0.80%	2.0%	
	12	144+58.47	15.56	RT	565.97	12	13	LANDING	5.00	-0.04	-0.80%	1.5%	
	13	144+58.47	20.56	RT	566.01	13	1	LANDING	5.00	0.04	0.80%	1.5%	



NOTE: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL AS-BUILT SLOPES MEET THE LEGAL REQUIREMENTS AND COMPLY WITH THE ADA LAW.

NOTE:  
RUNNING SLOPES ARE DESIGNATED WITH AN "R" AND A DIRECTIONAL FLOW ARROW.  
TRANSITIONAL SIDEWALK PANELS ARE DESIGNATED WITH A "T"  
LANDING/TURNING SIDEWALK PANELS ARE DESIGNATED WITH EITHER A "UL" FOR UPPER LANDING OR "LL" FOR LOWER LANDING.

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MOLINE, ILLINOIS  
ADA IMPROVEMENTS

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**GENERAL NOTES**

1. THE FOLLOWING IS THE CONSTRUCTION STAGING FOR THIS PROJECT. ADDITIONAL STAGING NOTES ARE CONTAINED ON THE INDIVIDUAL STAGING PLAN SHEETS FOR THE ROADWAY TO WHICH IT APPLIES. THE PURPOSE OF THIS STAGING IS TO MINIMIZE DELAYS TO THE MOTORIST WHILE PROVIDING A SAFE AREA FOR WORKERS. THE CONTRACTOR MAY ALTER THE SEQUENCE OF THE CONSTRUCTION WITH THE PRIOR WRITTEN APPROVAL OF THE ENGINEER AND IDOT TRAFFIC OPERATIONS.
2. THE EXISTING POSTED SPEED ON RIVER DRIVE IS 30 MPH.
3. ALL EXISTING STOP BARS, CROSSWALK LINES AND OTHER STRIPING THAT DO NOT CONFLICT WITH THE WORK ZONE PAVEMENT MARKINGS ARE TO REMAIN.
4. THE TRAFFIC CONTROL PLAN IS BASED ON OPERATIONS DURING PEAK HOURS. MODIFICATIONS SHALL BE ALLOWED DURING OFF-PEAK HOURS. IN COMPLIANCE WITH HIGHWAY STANDARDS.
5. SOME DIMENSIONS ARE NOT TO SCALE.
6. CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES A MINIMUM OF 21 DAYS BEFORE CONSTRUCTION COMMENCES:

CITY OF MOLINE ENGINEERING DEPARTMENT  
(309) 524-2363

ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) - DISTRICT 2  
(815) 284-5474

QUAD CITIES METROLINK  
(309) 788-3360

**STAGING GENERAL NOTES**

1. FLAGGERS WILL BE REQUIRED DURING NIGHTTIME/OFF-PEAK HOURS DURING ALL STAGES OF CONSTRUCTION.
2. POSITIVE DRAINAGE SHALL BE MAINTAINED ON ALL OPEN TRAVEL LANES AT ALL TIMES.
3. THE CONTRACTOR SHALL PROVIDE A BI-WEEKLY SCHEDULE OF ACTIVITIES WITH EXPECTED STREET AND ENTRANCE CLOSURES TO BE USED FOR COORDINATION WITH EMERGENCY SERVICES.
4. ANY DEVIATIONS FROM THIS MAINTENANCE OF TRAFFIC PLAN MUST BE APPROVED IN WRITING BY IDOT OPERATIONS PRIOR TO IMPLEMENTATION.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 CALENDAR DAYS PRIOR TO A CHANGE IN STAGES.
6. THE CONTRACTOR SHALL COMPLY IMMEDIATELY WITH ANY EMERGENCY CHANGES IN THE TRAFFIC CONTROL DIRECTED BY THE ENGINEER. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN ON THE PLANS.
7. TRAFFIC CONTROL DEPICTED ON THE MAINTENANCE OF TRAFFIC PLANS IS THE MINIMUM REQUIREMENT AND IS INTENDED TO COMPLY WITH THE APPLICABLE IDOT TRAFFIC CONTROL STANDARD AND THE MUTCD.
8. THE CONTRACTOR SHALL PLACE TWO (2) CHANGEABLE MESSAGE SIGNS ON RIVER DRIVE IN ADVANCE OF CONSTRUCTION. THE MESSAGE SIGNS SHALL BE PLACED TWO WEEKS PRIOR TO THE START OF WORK OR TWO WEEKS BEFORE OTHER MAJOR TRAFFIC CONTROL EVENTS WITH THE APPROPRIATE MESSAGES PER ENGINEER AND REMOVED IMMEDIATELY AFTER ACTIVITIES COMMENCE.
9. NO EXCAVATIONS DEEPER THAN 18" SHALL BE IN PLACE WHEN NOT WORKING ON THE EXCAVATED AREA.


**LIST OF STATE HIGHWAY STANDARDS - TRAFFIC CONTROL**

- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-06 TRAFFIC CONTROL DEVICES

**I.D.O.T. DISTRICT 2 STANDARDS - TRAFFIC CONTROL**

- 34.1 WORK ZONE SIGN DETAILS
- 40.1 TRAFFIC CONTROL FOR ROAD CLOSURE
- 94.2 TRAFFIC CONTROL & PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

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2017 MOLINE RESURFACING  
MOLINE, ILLINOIS

MAINTENANCE OF TRAFFIC  
GENERAL NOTES

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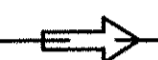

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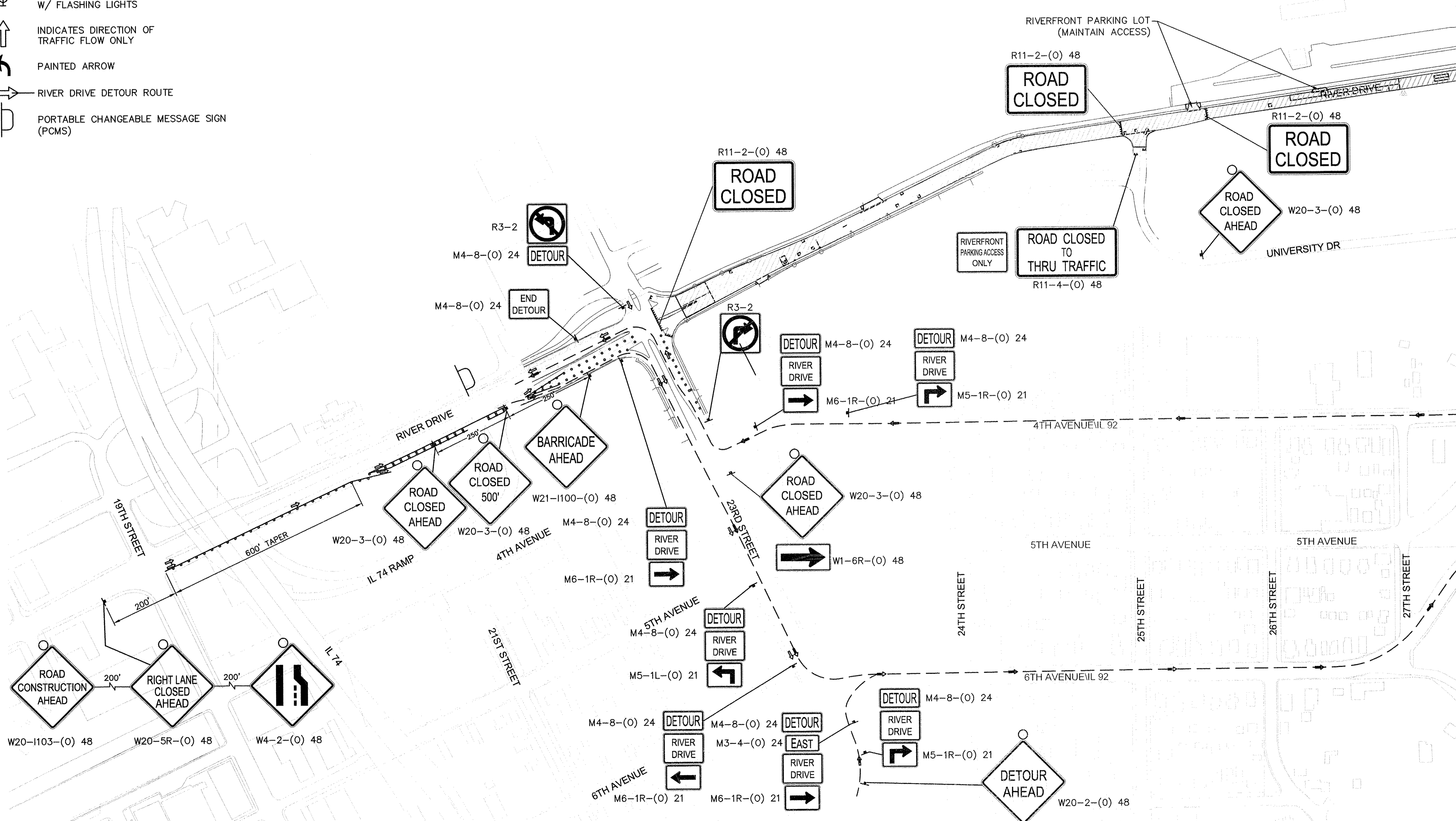
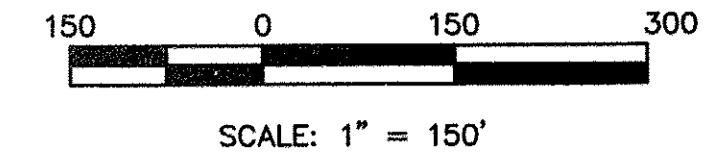
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**LEGEND**

-  ARROW BOARD
-  CONE, DRUM OR BARRICADE
-  TYPE III BARRICADE  
W/ FLASHING LIGHTS
-  WORK AREA
-  SIGN ON PORTABLE OR  
PERMANENT SUPPORT
-  BARRICADE OR DRUM  
W/ FLASHING LIGHTS
-  INDICATES DIRECTION OF  
TRAFFIC FLOW ONLY
-  PAINTED ARROW
-  RIVER DRIVE DETOUR ROUTE
-  PORTABLE CHANGEABLE MESSAGE SIGN  
(PCMS)

**NOTES:**

1. CONTRACTOR SHALL MAINTAIN ACCESS TO PARKING LOTS  
ALONG RIVER DURING CONSTRUCTION.



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**2017 MOLINE RESURFACING**  
MOLINE, ILLINOIS

**MAINTENANCE OF TRAFFIC**  
RIVER DRIVE - DETOUR ROUTE

Missman Project No:  
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File Name:  
B16M001-RIVER-MOT-DETOUR

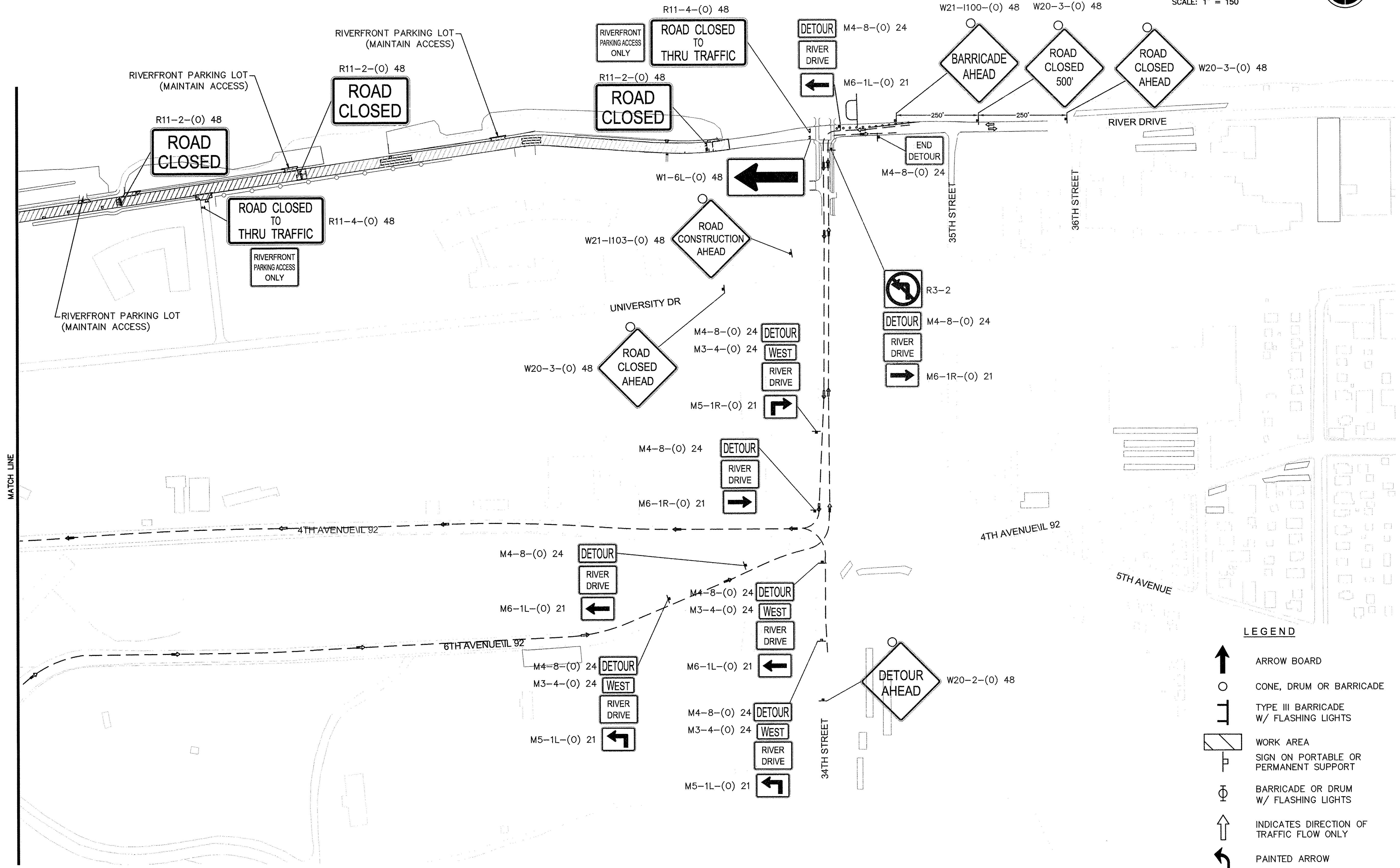
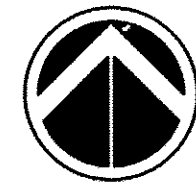
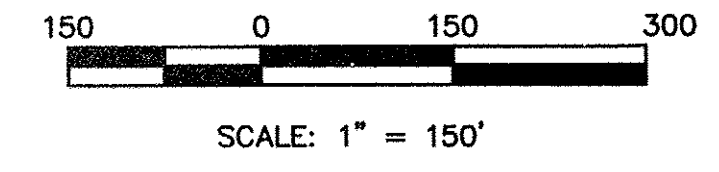
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**LEGEND**

- ARROW BOARD
- CONE, DRUM OR BARRICADE
- TYPE III BARRICADE W/ FLASHING LIGHTS
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- BARRICADE OR DRUM W/ FLASHING LIGHTS
- INDICATES DIRECTION OF TRAFFIC FLOW ONLY
- PAINTED ARROW
- RIVER DRIVE DETOUR ROUTE
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

**NOTES:**

1. CONTRACTOR SHALL MAINTAIN ACCESS TO PARKING LOTS ALONG RIVER DURING CONSTRUCTION.

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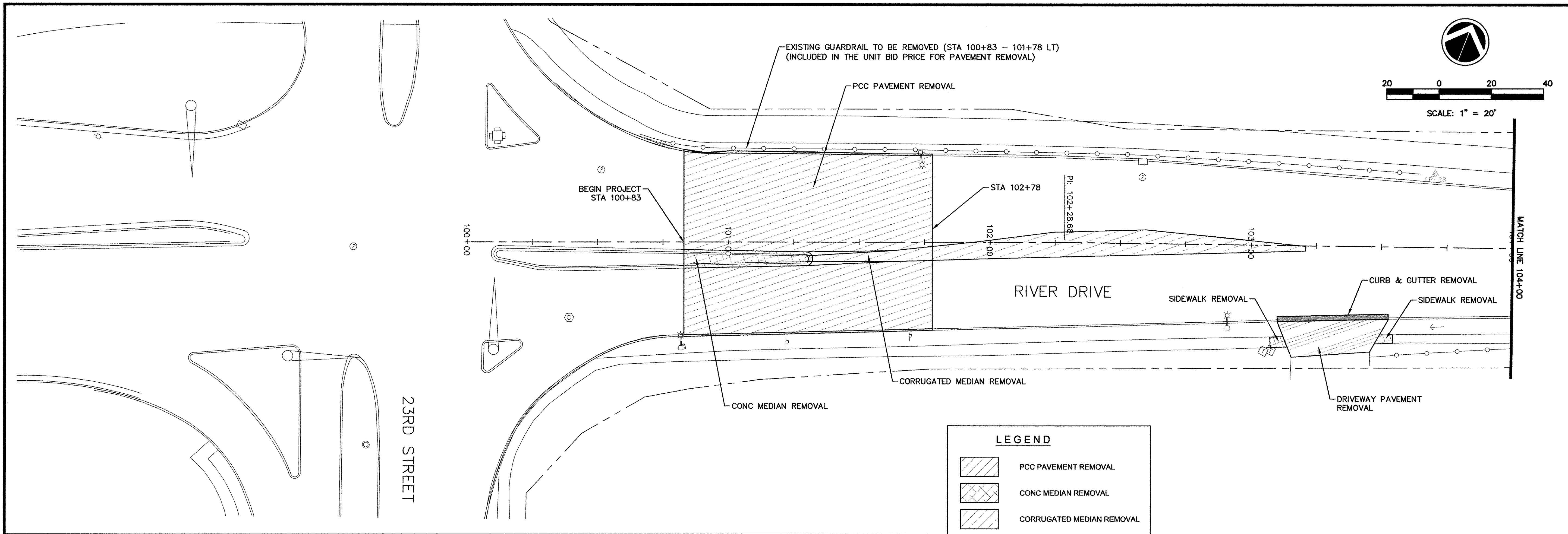
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MOLINE, ILLINOIS

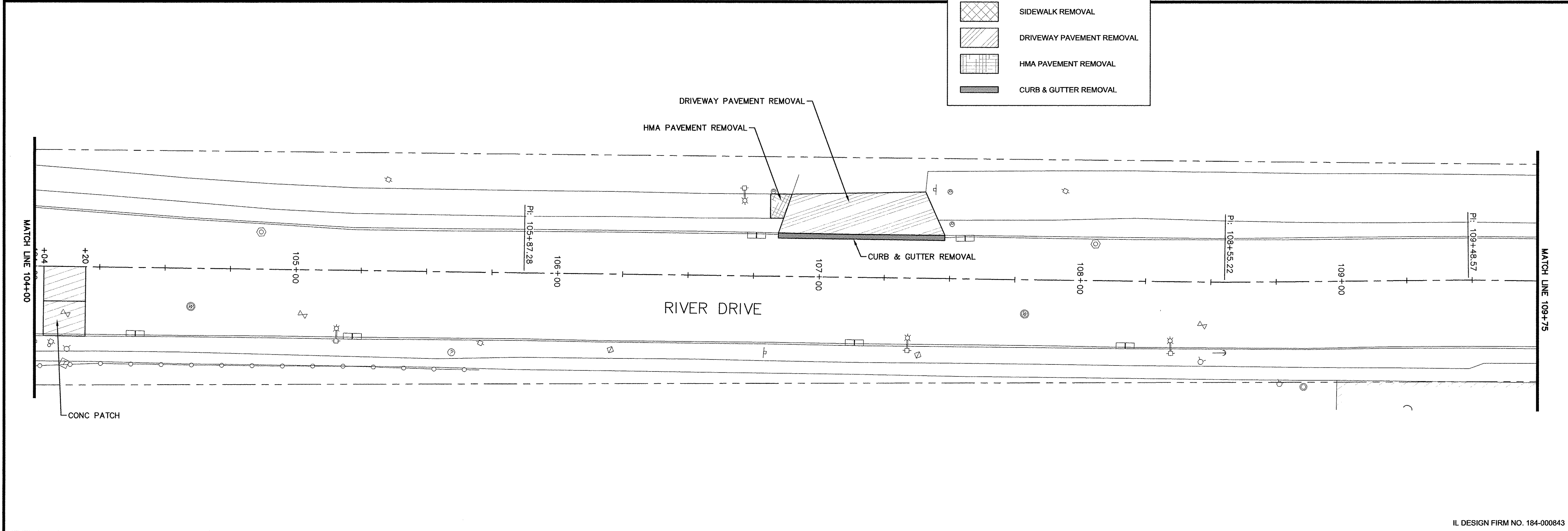
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**RIVER DRIVE - DETOUR ROUTE**

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**LEGEND**

	PCC PAVEMENT REMOVAL
	CONC MEDIAN REMOVAL
	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL



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MOLINE, ILLINOIS  
REMOVAL PLAN  
STA 100+83 - 109+75**

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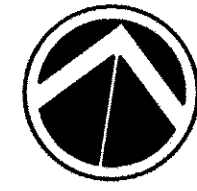
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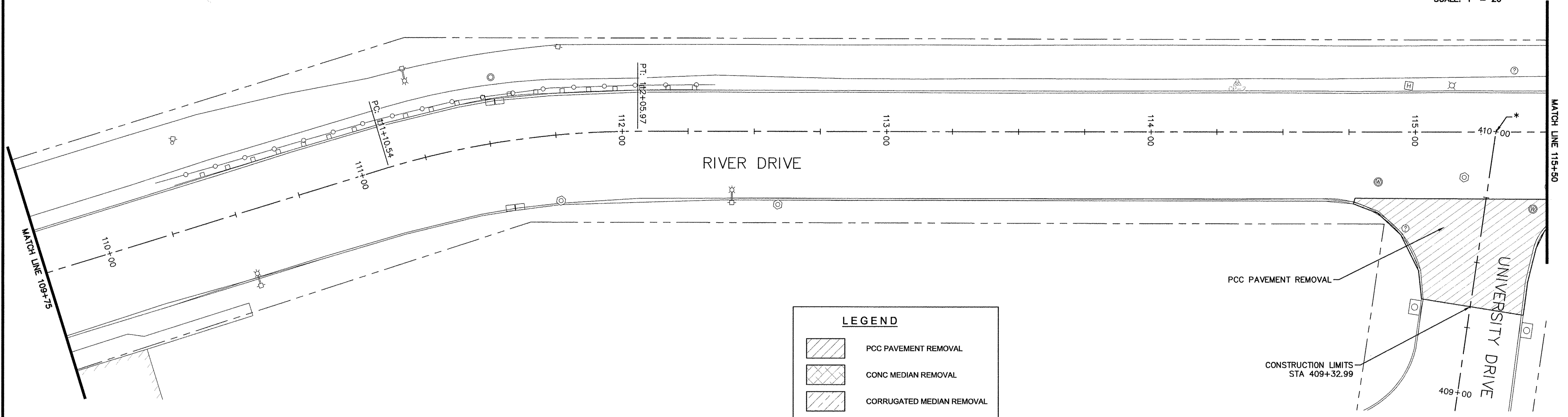
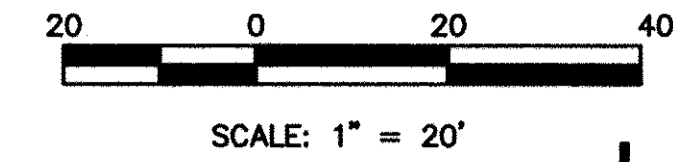
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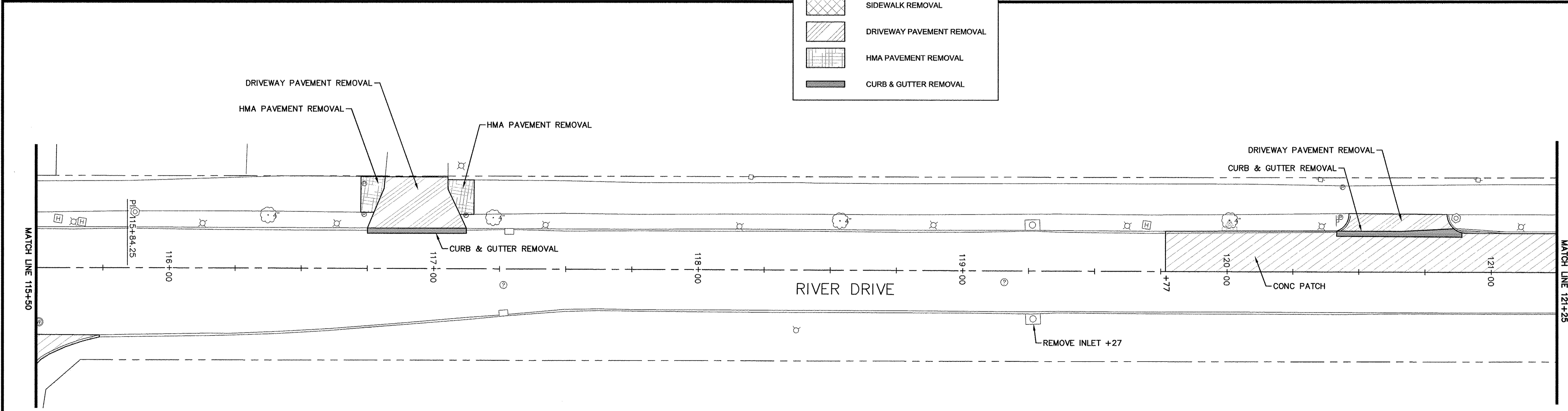
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\*STATION EQUATION  
 STA 115+30.64 @ RIVER DRIVE=  
 STA 410+00.00 @ UNIVERSITY DRIVE



LEGEND	
	PCC PAVEMENT REMOVAL
	CONC MEDIAN REMOVAL
	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL



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**REMOVAL PLAN**  
 STA 109+75 - 121+25

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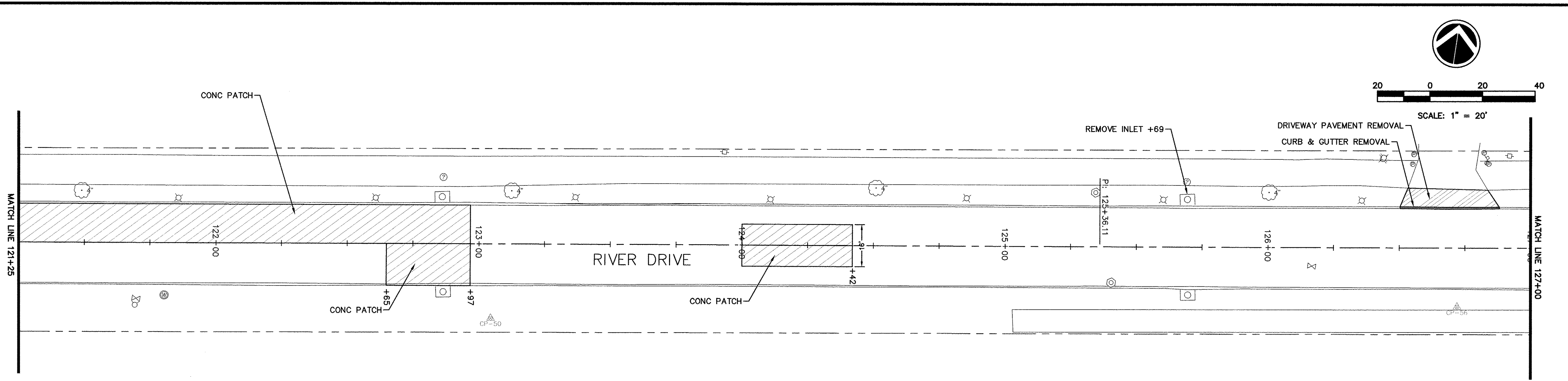
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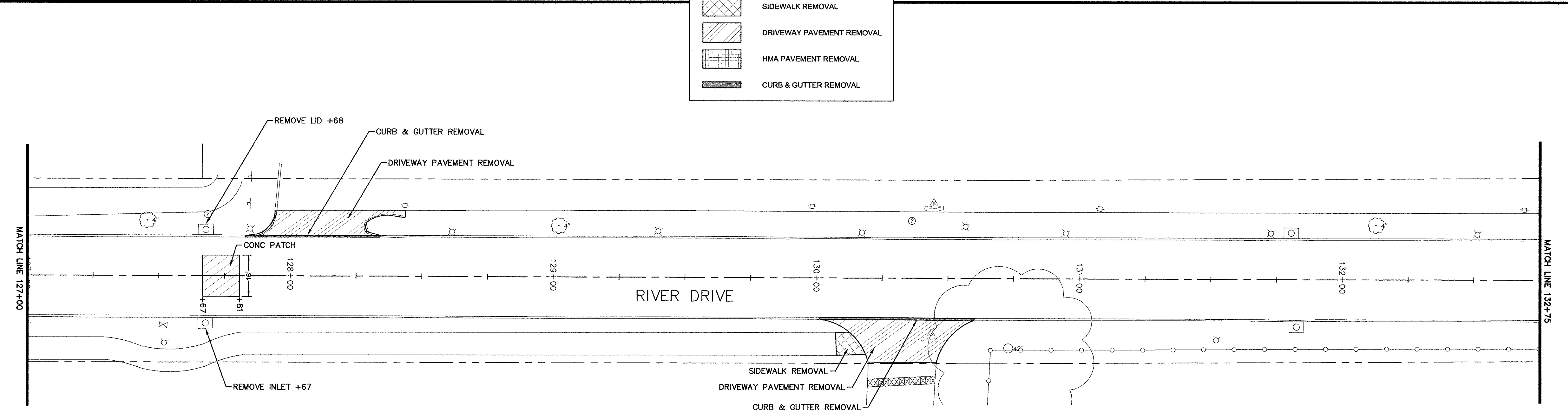
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**LEGEND**

	PCC PAVEMENT REMOVAL
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	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL



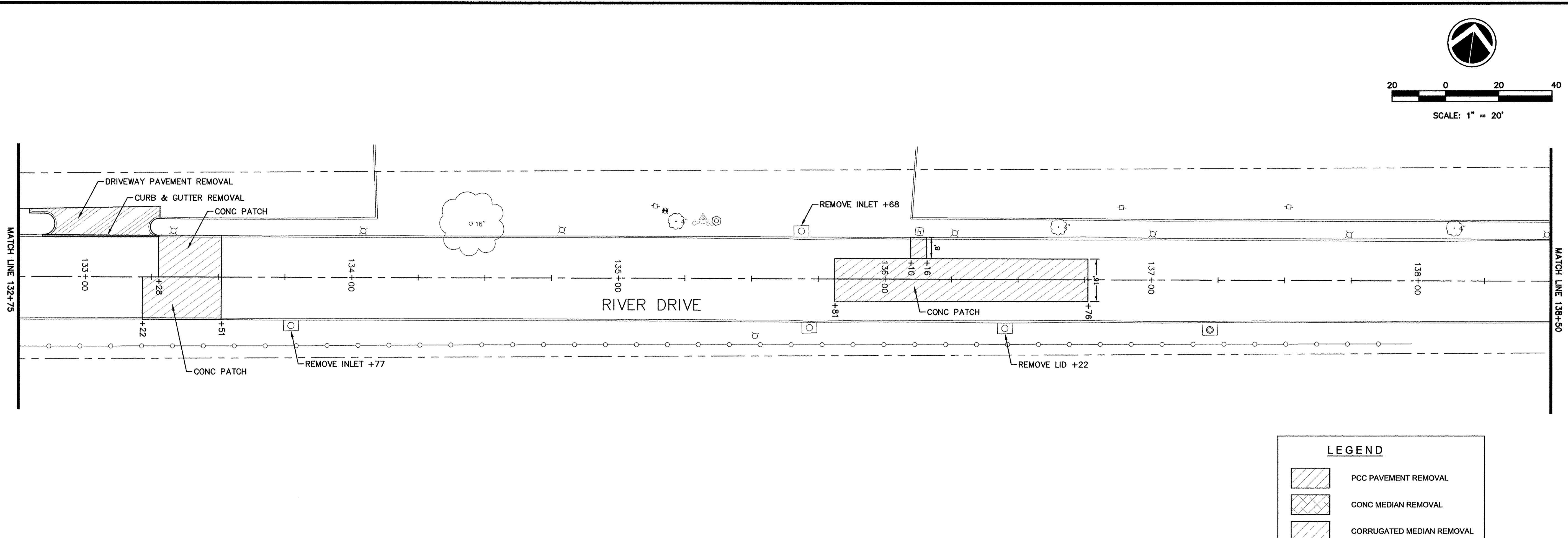
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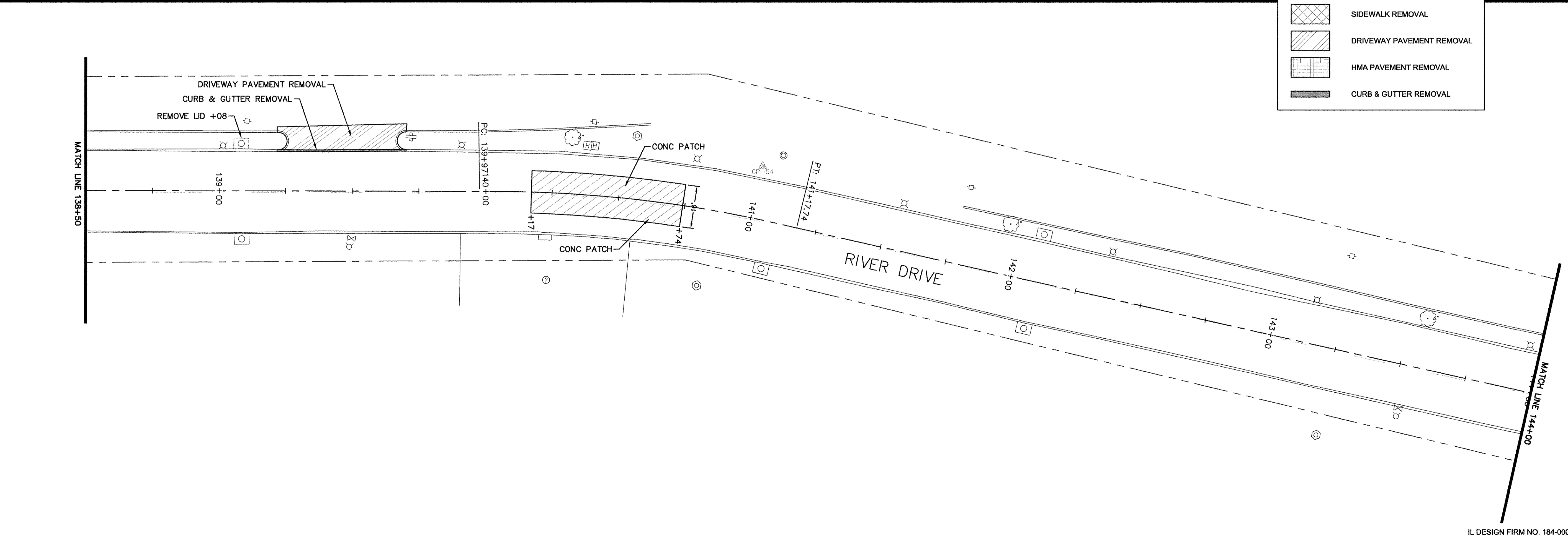
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MOLINE, ILLINOIS  
**REMOVAL PLAN**  
STA 121+25 - 132+75

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**LEGEND**

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	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
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STA 132+75 - 144+00**

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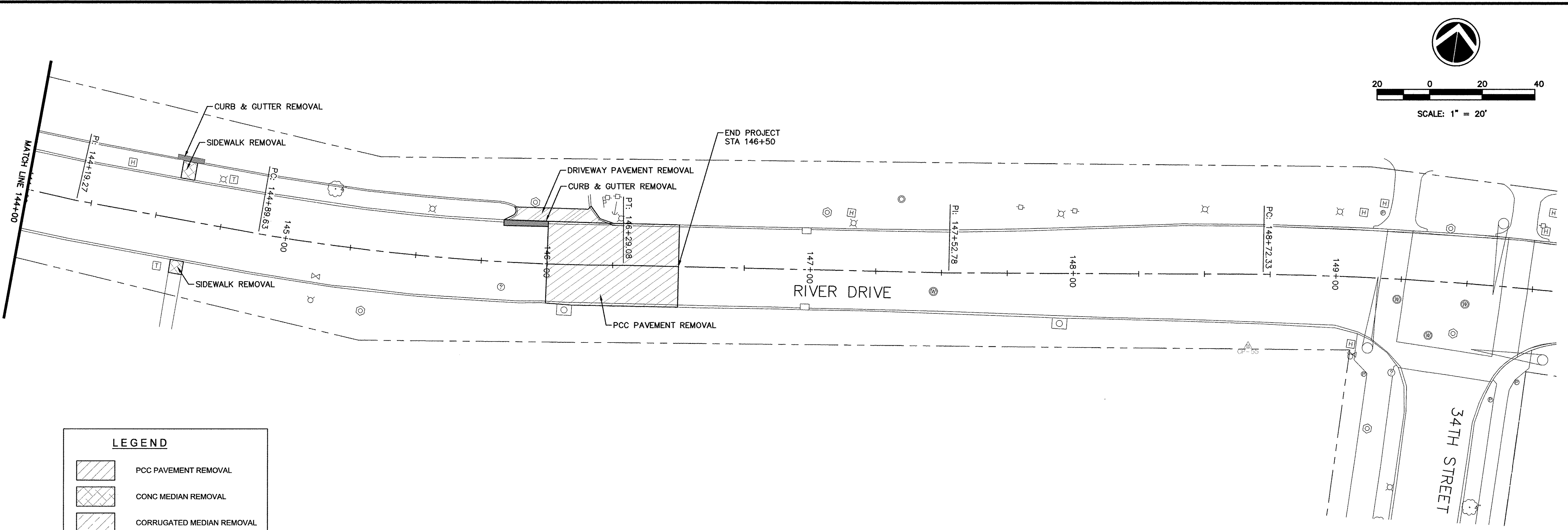
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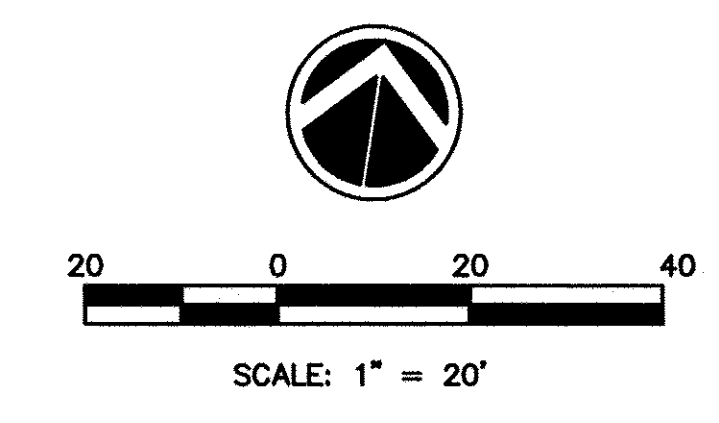
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**LEGEND**

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	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL



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 STA 144+00 - 146+50

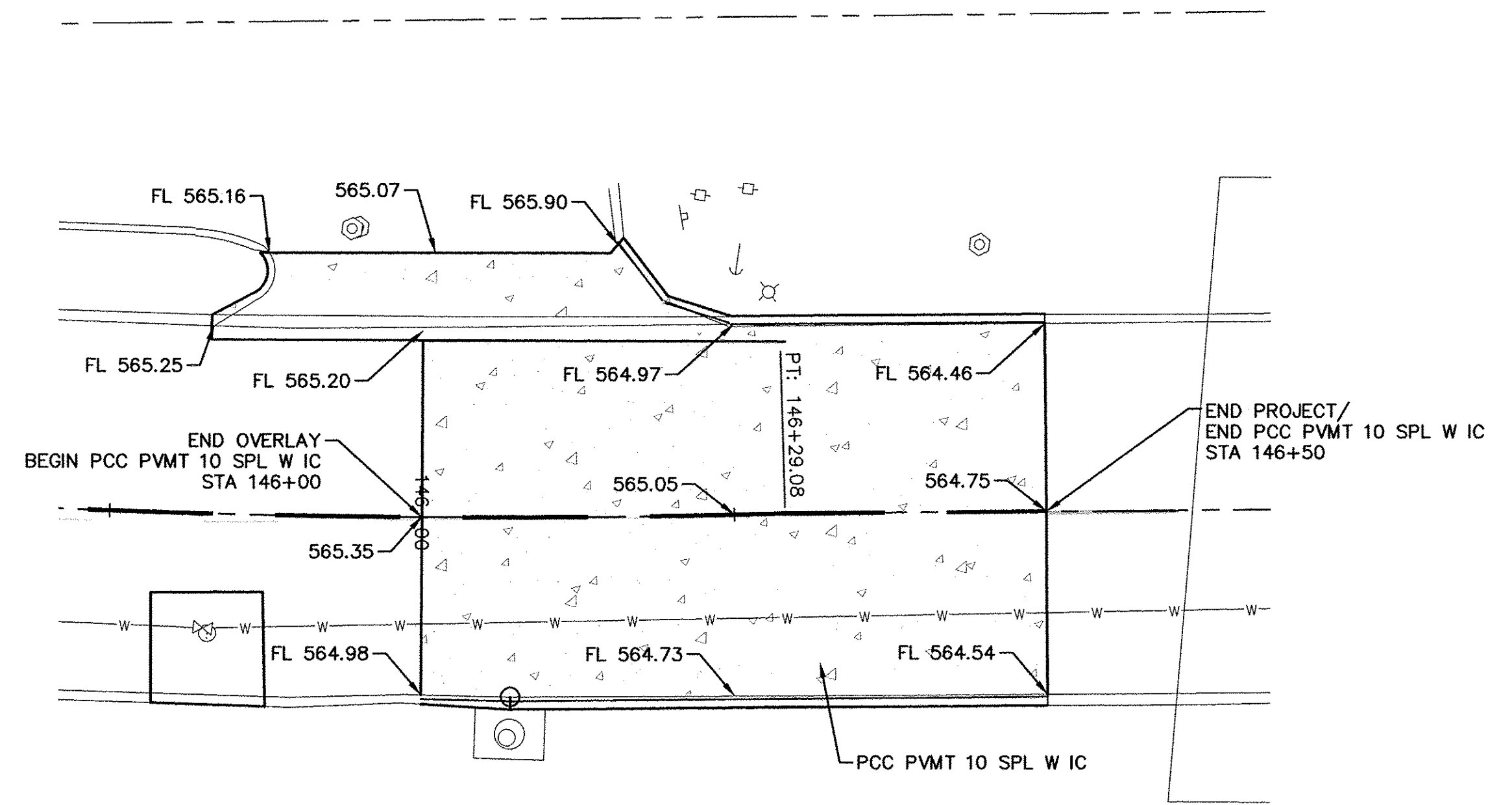
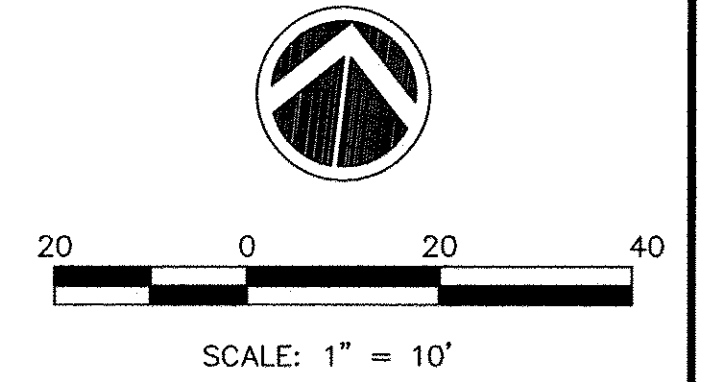
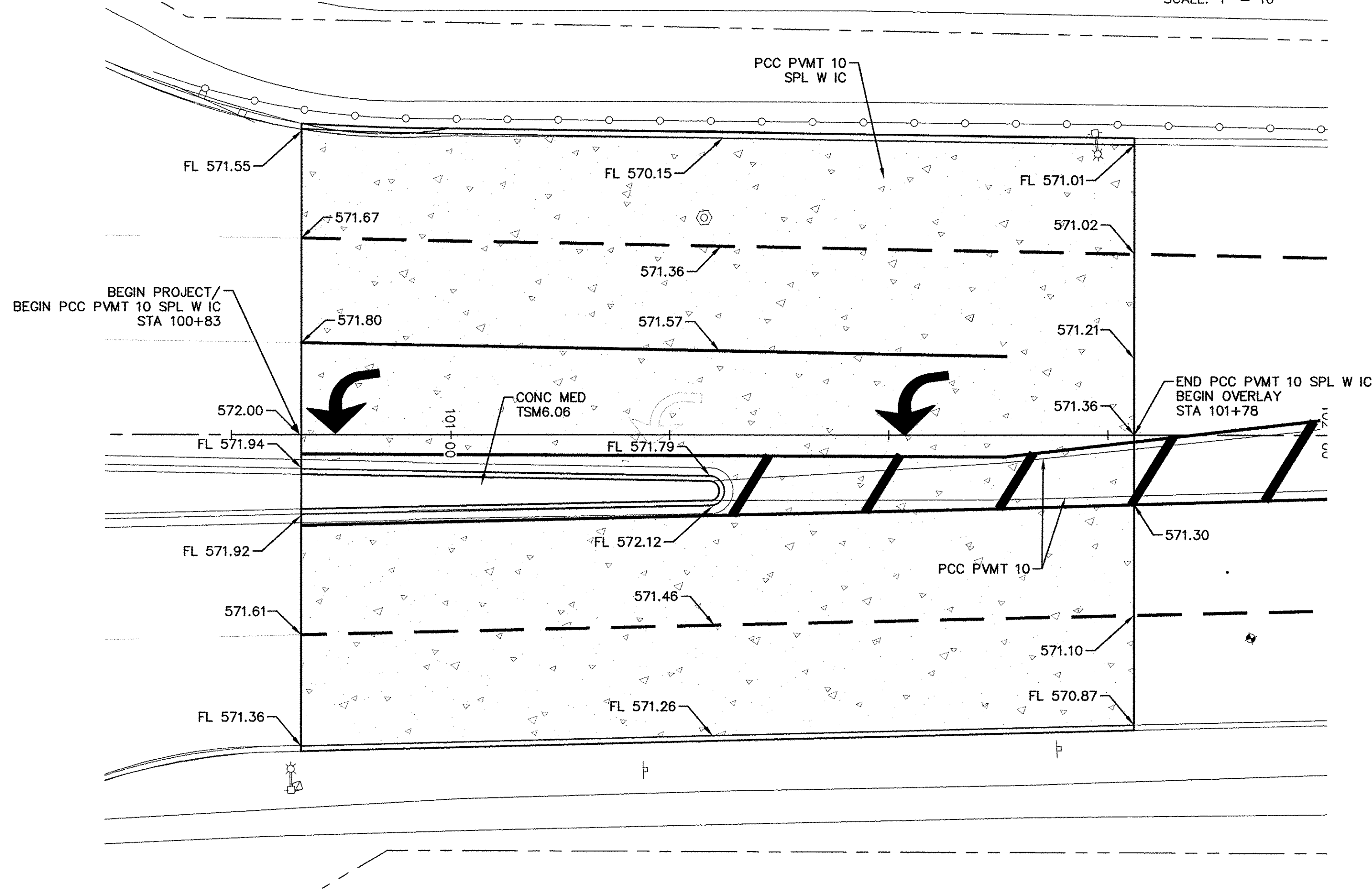
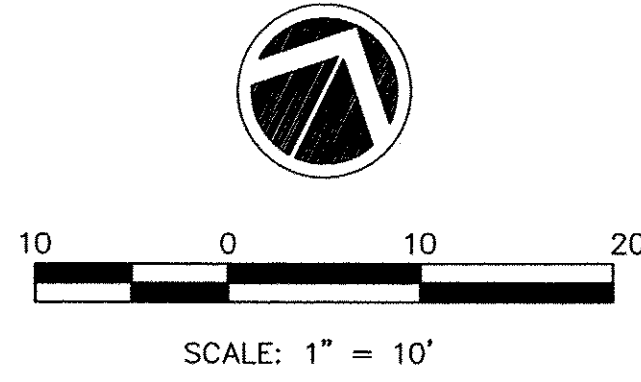
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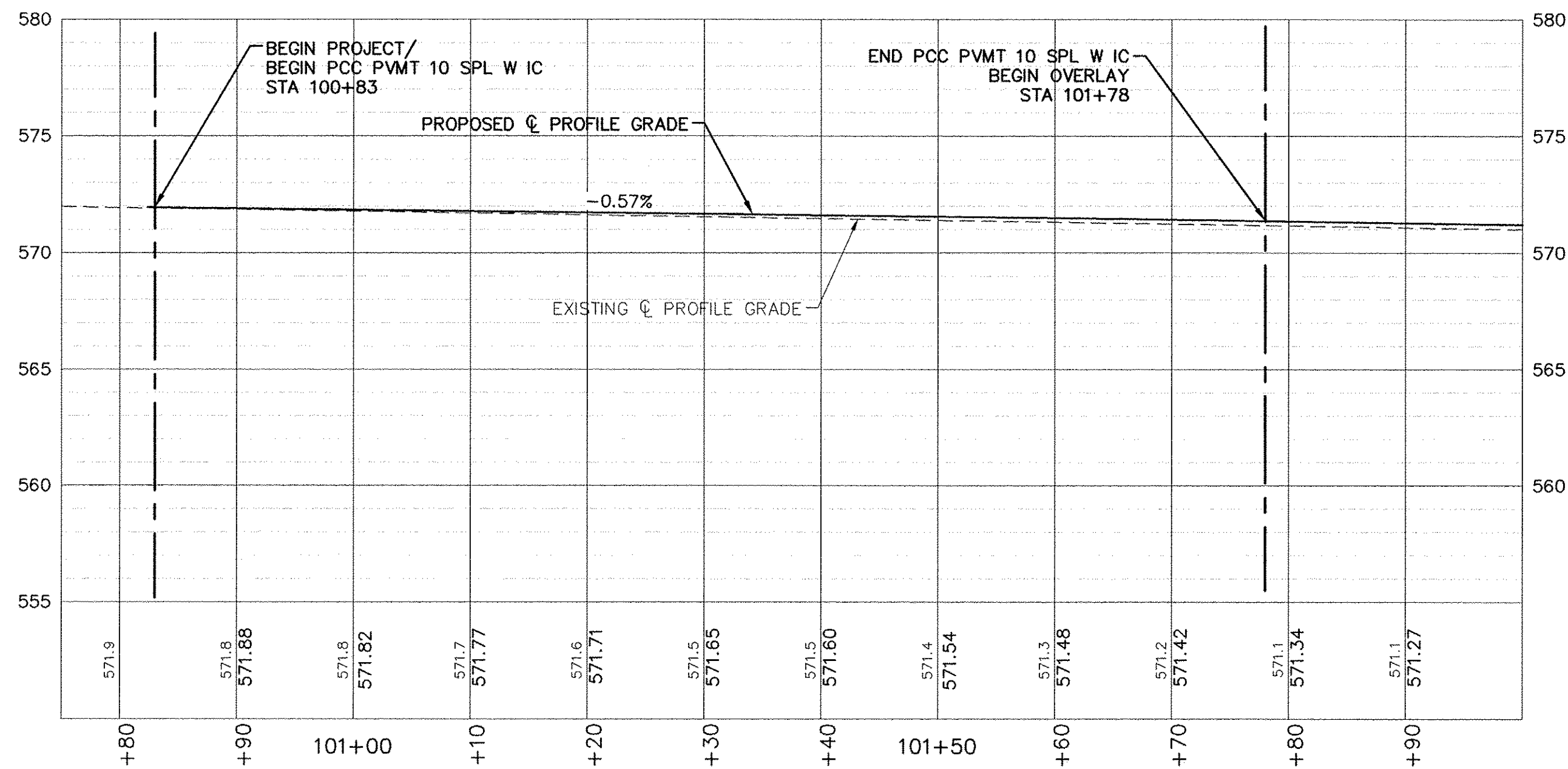
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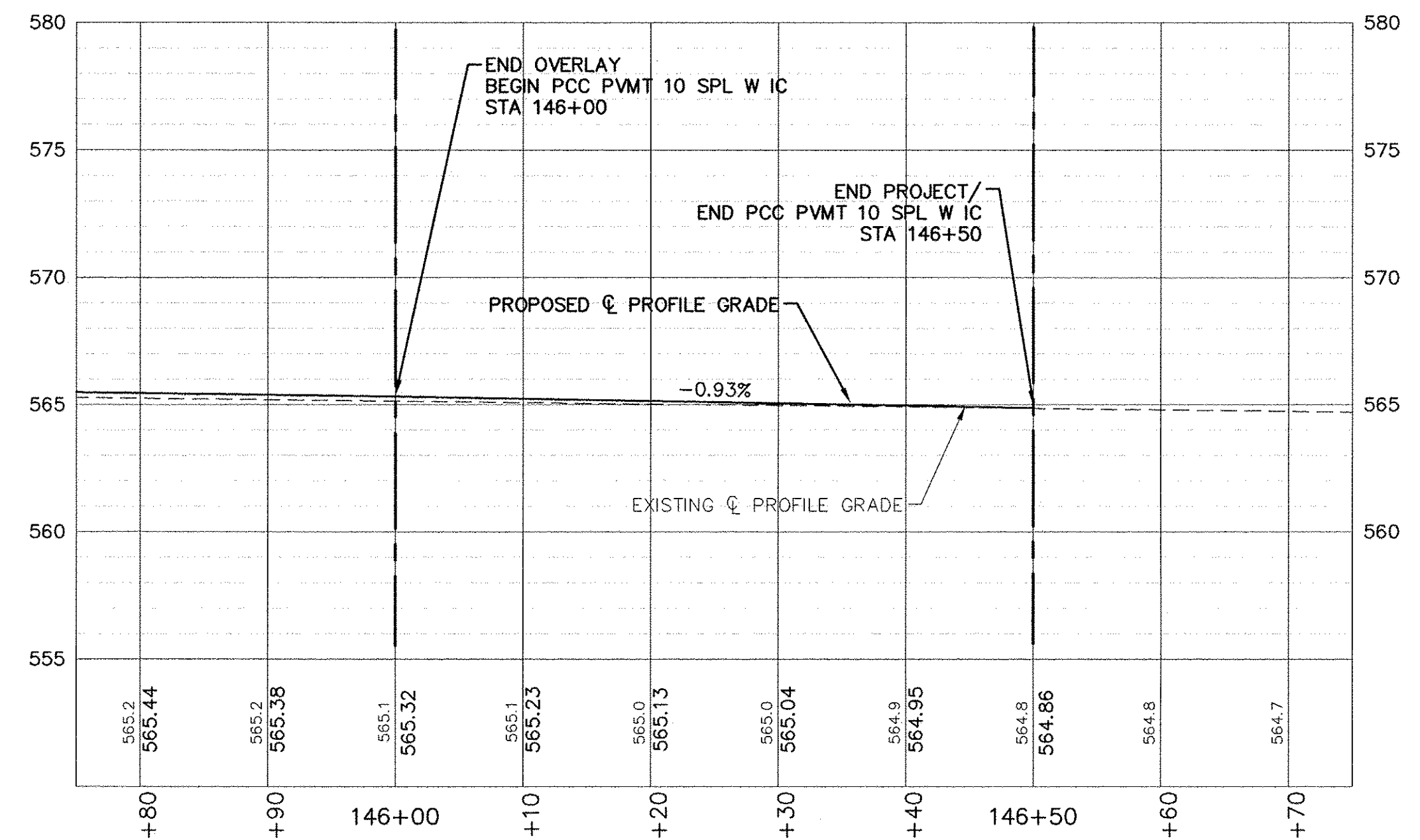
**30**  
 Sheet 30 of 48



PROFILE VIEW OF RIVER DRIVE CENTERLINE  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'



PROFILE VIEW OF RIVER DRIVE CENTERLINE  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'



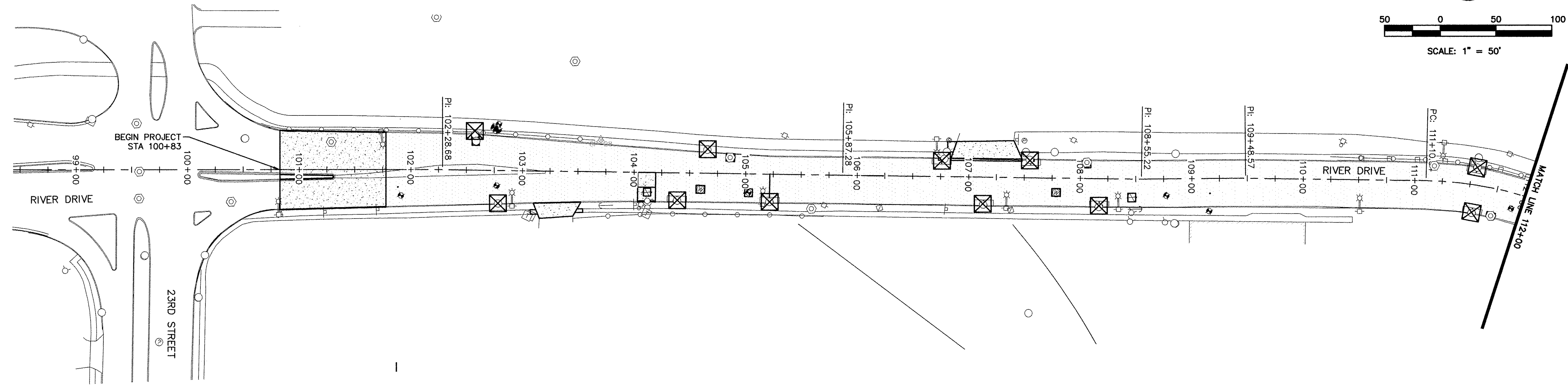
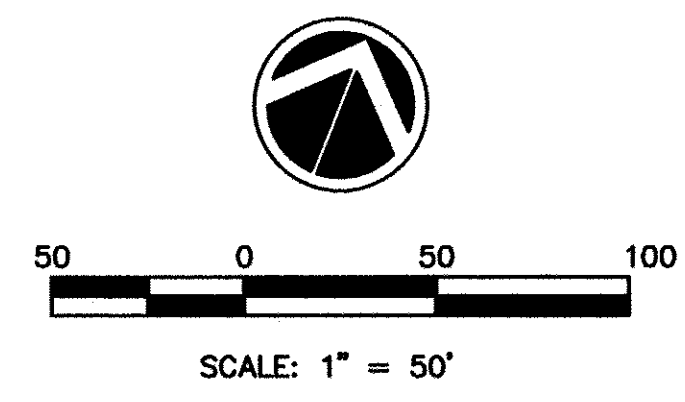
REVISIONS	DESCRIPTION	DATE
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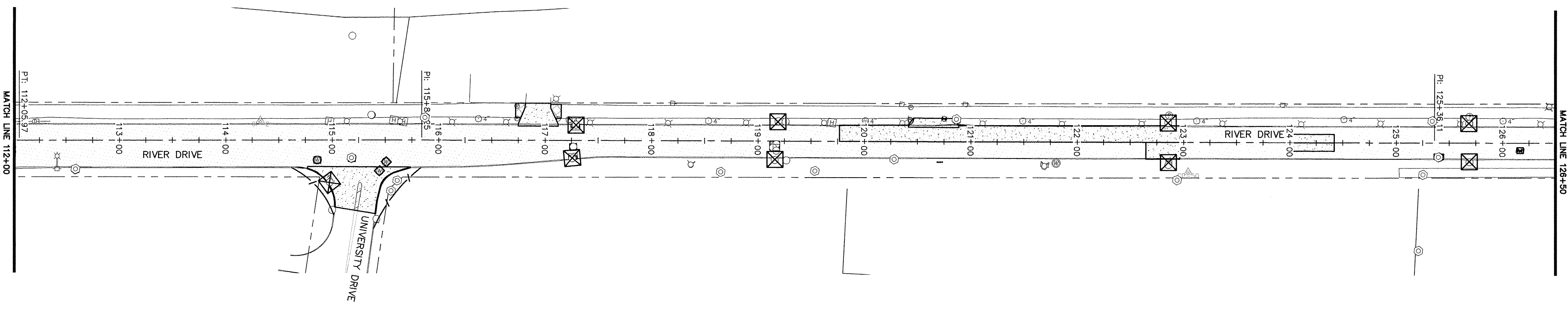
2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
RIVER DRIVE PCC  
HEADER DETAILS

Missman Project No:  
B16M001  
File Name:  
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**LEGEND**

INLET AND PIPE PROTECTION  
 PERIMETER EROSION BARRIER



NO.	REVISIONS DESCRIPTION	DATE

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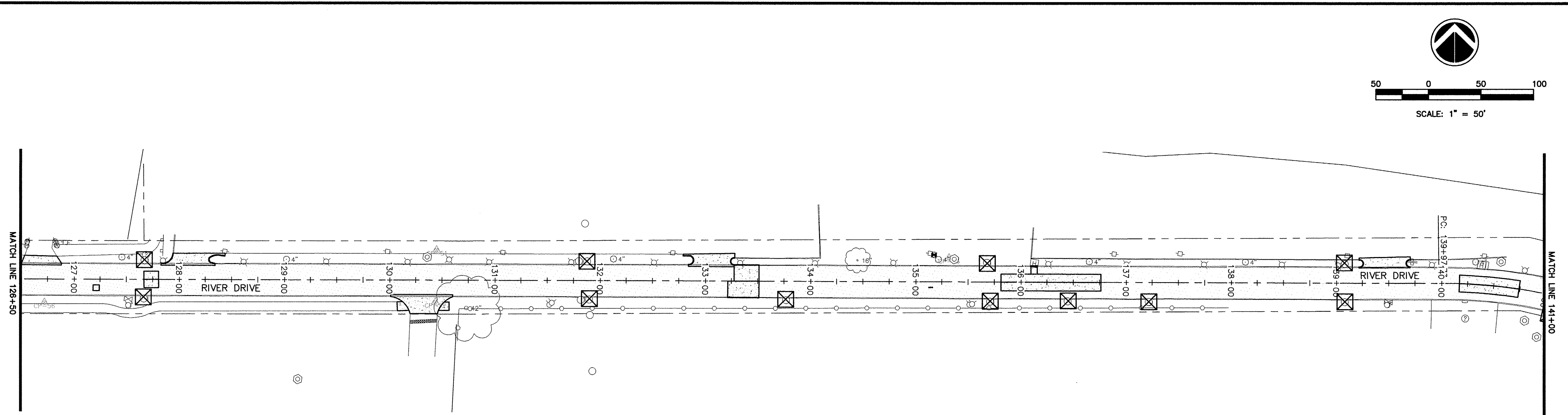
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**2017 MOLINE RESURFACING**  
 MOLINE, ILLINOIS  
**EROSION CONTROL**  
 STA 100+83 - 126+50

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 File Name:  
 B16M001-RIVER-EROSION.dwg  
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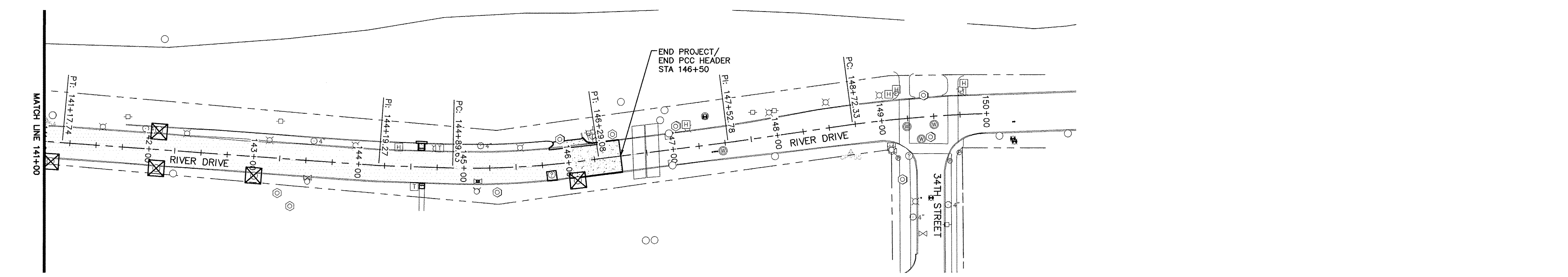




**LEGEND**

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER



REVISIONS	
No.	DESCRIPTION

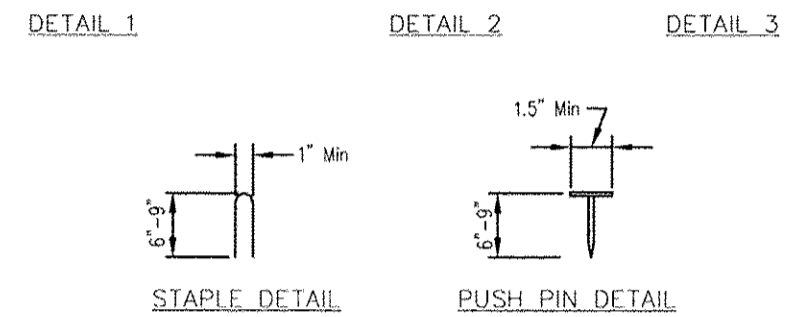
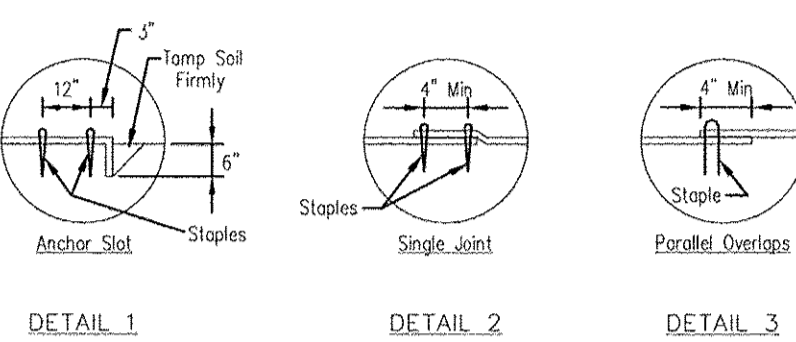
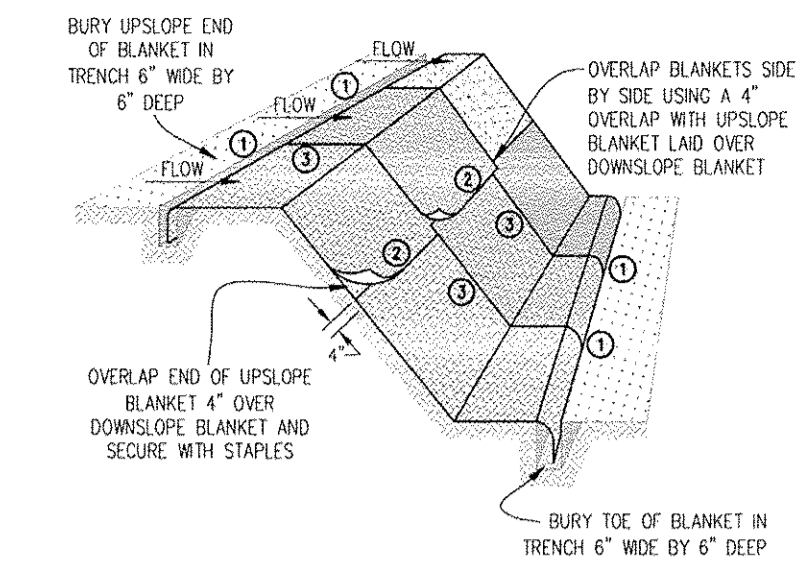
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**2017 MOLINE RESURFACING**  
 MOLINE, ILLINOIS  
**EROSION CONTROL**  
**STA 126+50 - 146+50**

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AUTOCAD2006



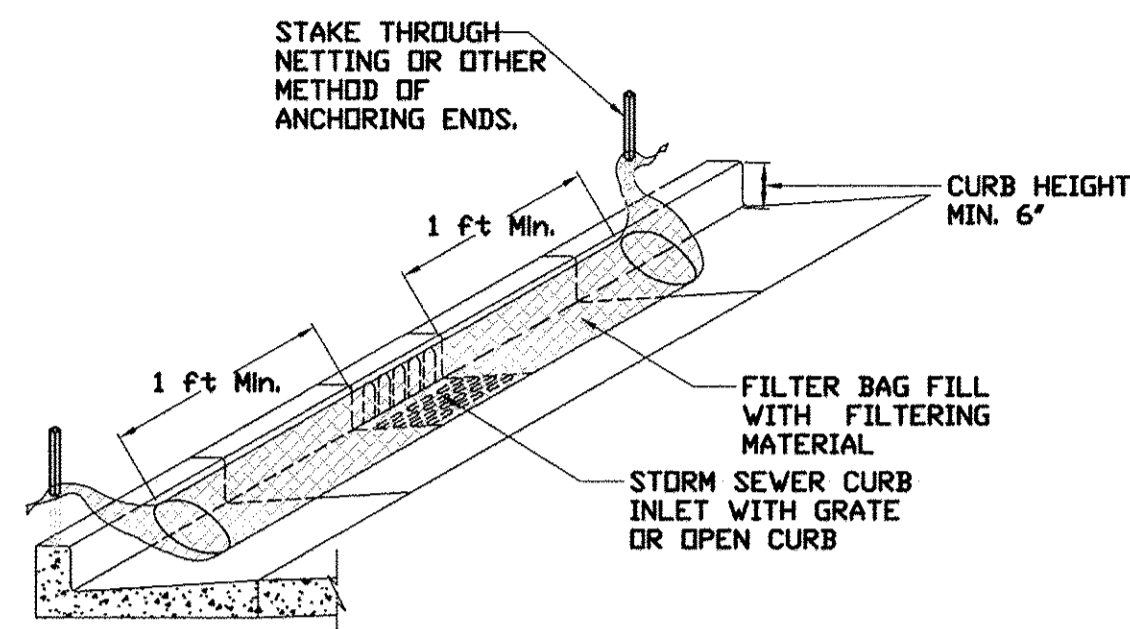
NOTES:

1. Staples shall be placed in a diamond pattern at 2 per s.y. for stitched blankets. Non-stitched shall use 4 staples per s.y. of material. This equates to 200 staples with stitched blanket and 400 staples with non-stitched blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

EROSION CONTROL  
BLANKET INSTALLATION DETAILS

Project: \_\_\_\_\_ Date: \_\_\_\_\_  
Designed: \_\_\_\_\_ Date: \_\_\_\_\_  
Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
Approved: \_\_\_\_\_ Date: \_\_\_\_\_

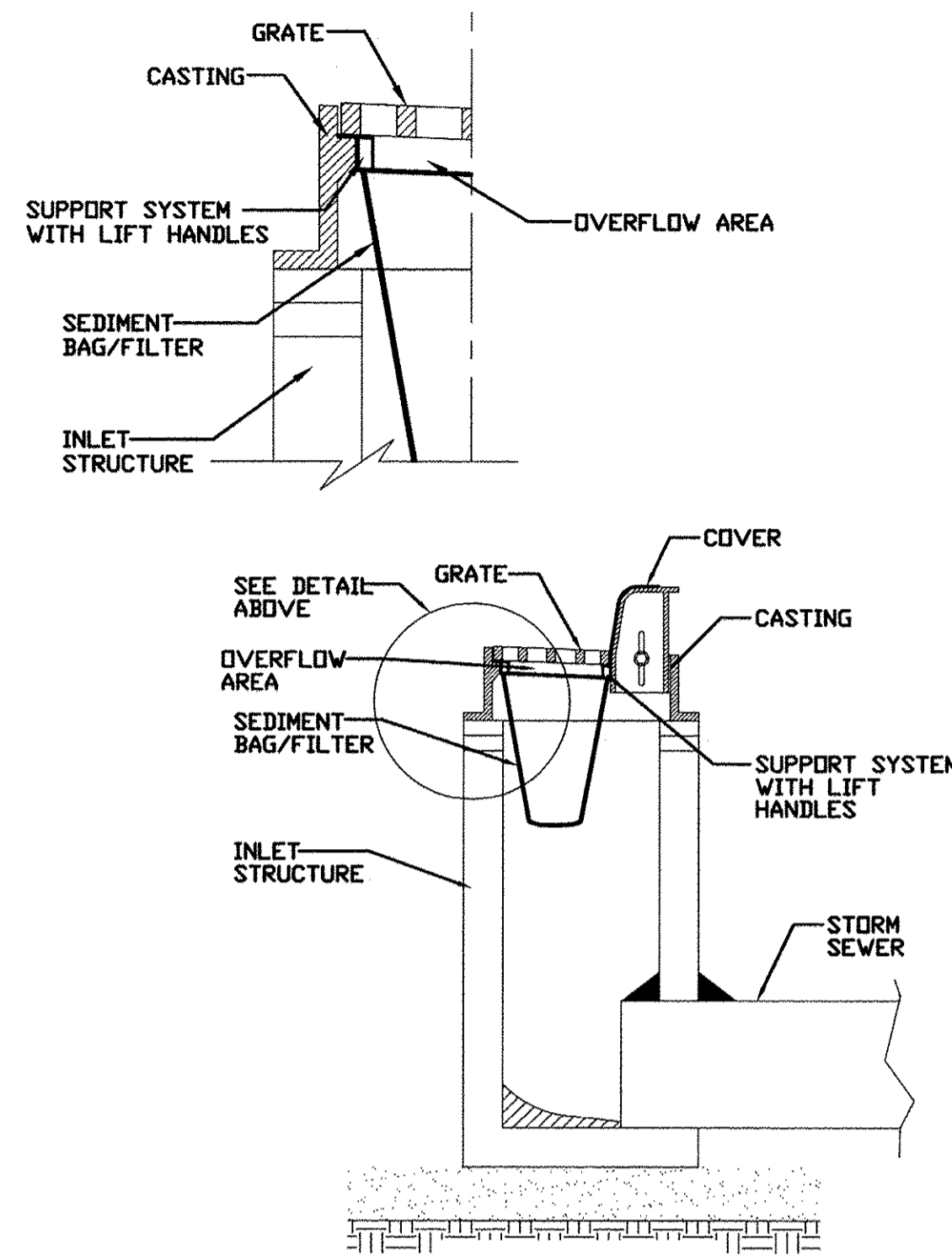
INLET PROTECTION - PAVED AREAS  
CURB PROTECTION



REFERENCE Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_

STANDARD DWG. NO.  
**IUM-561C**  
SHEET 1 OF 1  
DATE 01-11-11

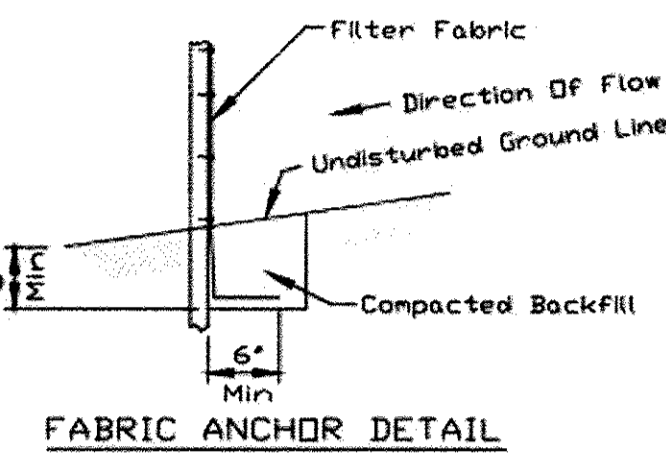
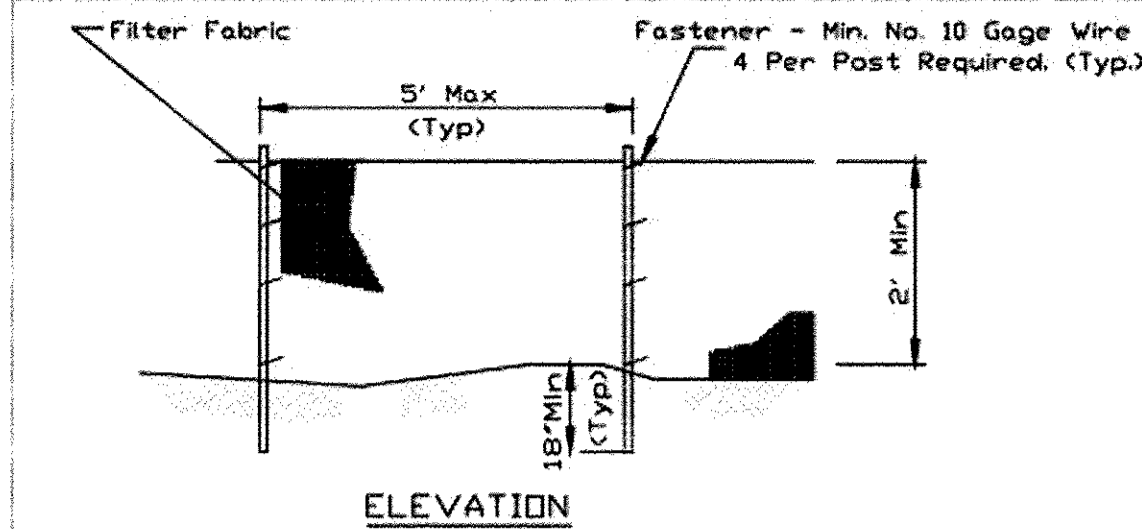
INLET PROTECTION - PAVED AREAS  
DROP-IN PROTECTION



REFERENCE Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_

STANDARD DWG. NO.  
**IUM-561D**  
SHEET 1 OF 1  
DATE 01-11-11

SILT FENCE PLAN



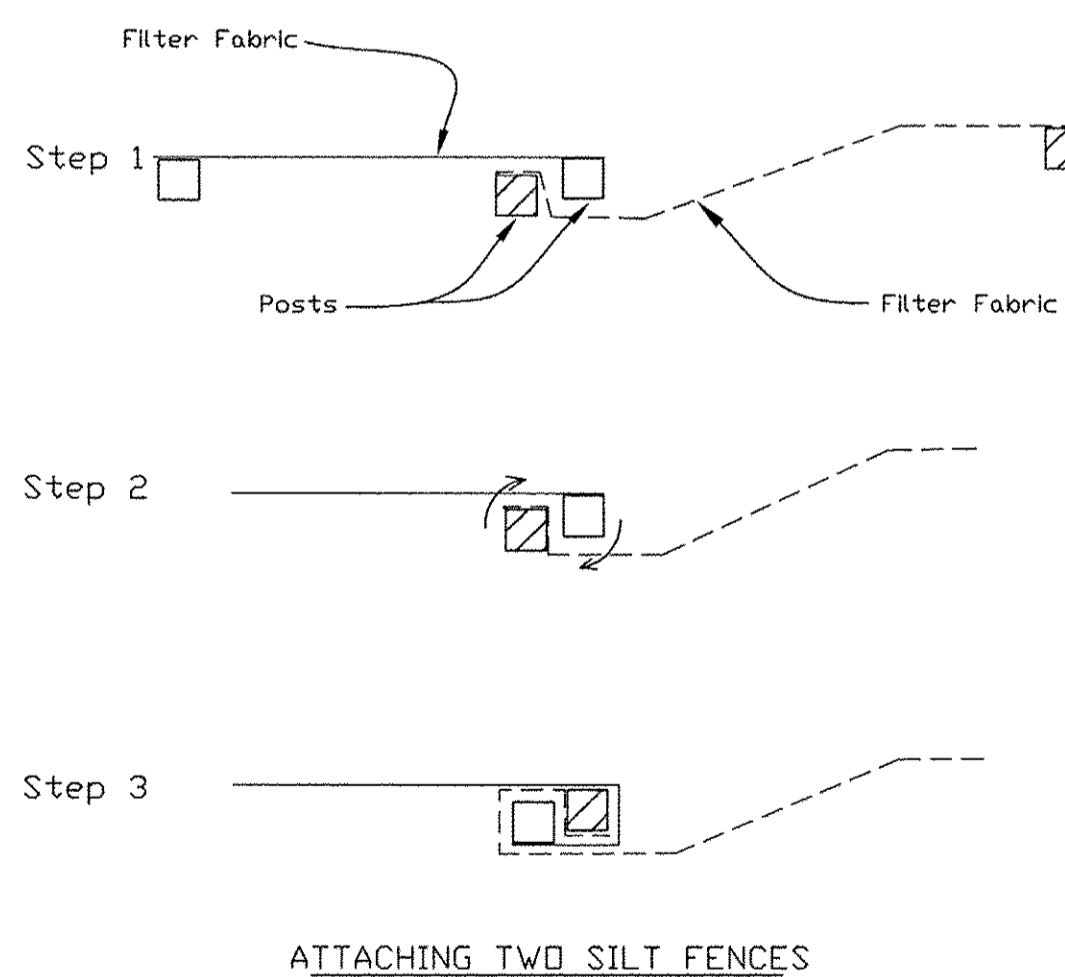
NOTES:

1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile based upon performance needed.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 2" x 2" nominal size.

REFERENCE Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_

STANDARD DWG. NO.  
**IUM-620**  
SHEET 1 OF 2  
DATE 3-16-12

SILT FENCE - SPLICING TWO FENCES

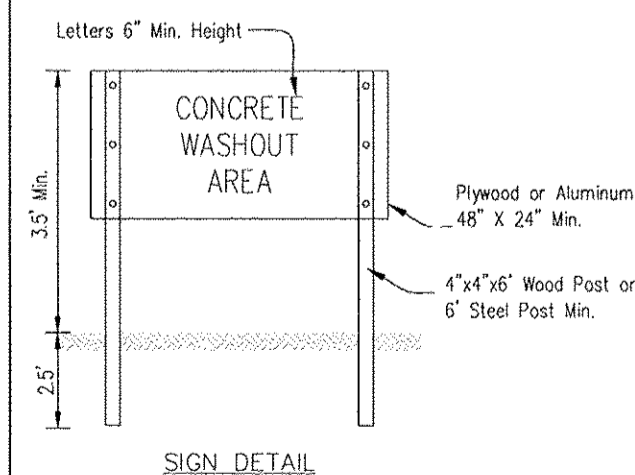
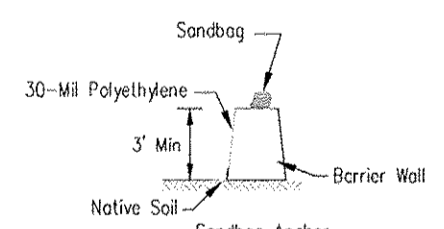
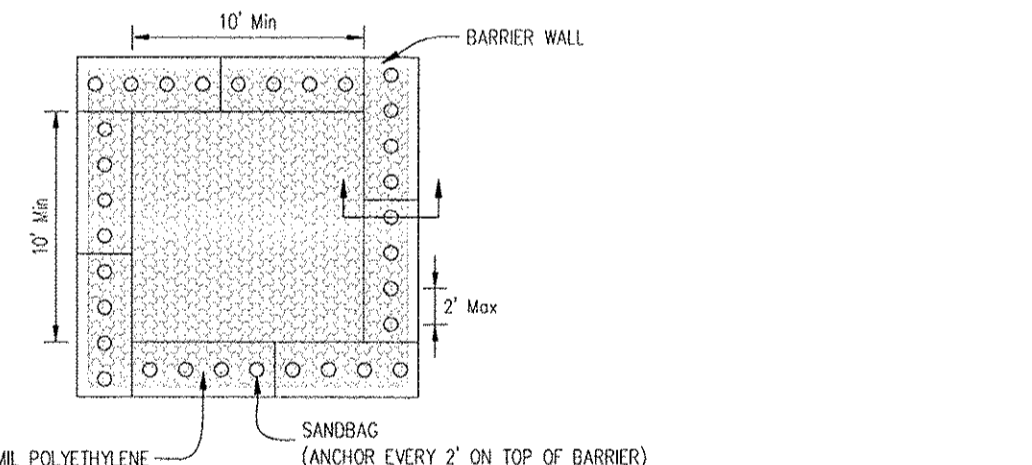


1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seat with the fabric material.
3. Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
4. Drive both posts a minimum of 18 inches into the ground and bury the flap.
5. Compact backfill (particularly at splices) completely to prevent stormwater piping.

REFERENCE Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_

STANDARD DWG. NO.  
**IUM-620BKW**  
SHEET 1 OF 1  
DATE 3-16-2012

AUTOCAD2006



NOTES:

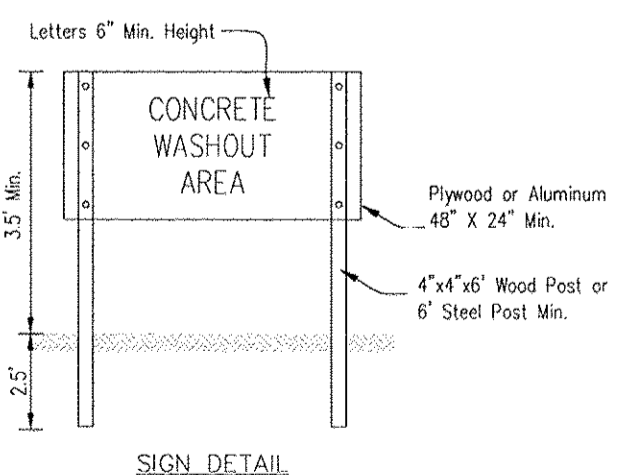
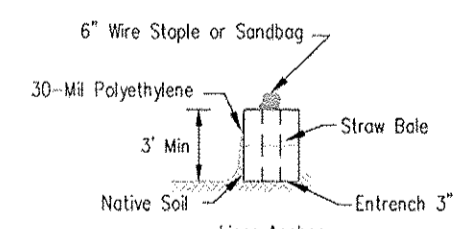
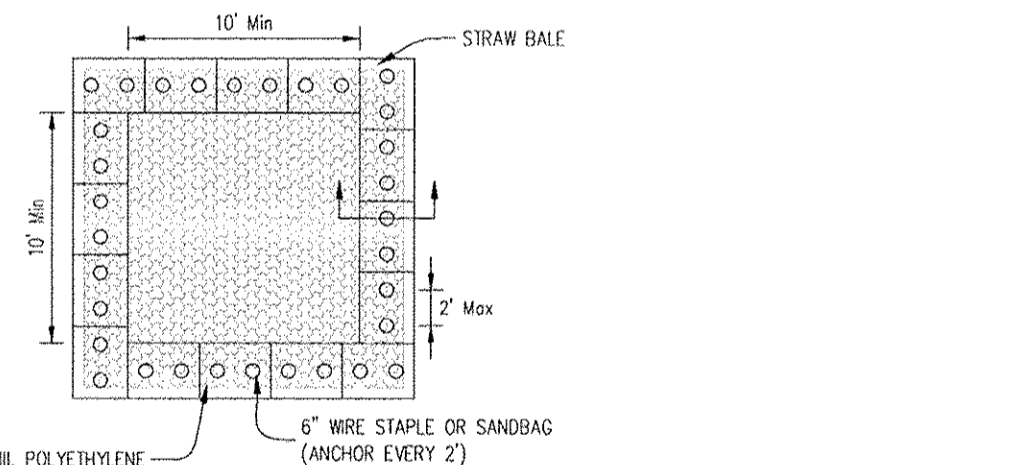
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

REFERENCE Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_

TEMPORARY CONCRETE  
WASHOUT FACILITY - BARRIER WALL

STANDARD DWG. NO.  
**IUM-620BKW**  
SHEET 1 OF 1  
DATE 3-16-2012

AUTOCAD2006



NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
3. Each straw bale is to be staked in place using (2) 2"x2"x4" wooden stakes.

REFERENCE Project \_\_\_\_\_ Date \_\_\_\_\_  
Designed \_\_\_\_\_ Date \_\_\_\_\_  
Checked \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ Date \_\_\_\_\_

TEMPORARY CONCRETE  
WASHOUT FACILITY - STRAW BALE

STANDARD DWG. NO.  
**IUM-620BKW**  
SHEET 1 OF 1  
DATE 3-16-2012

NO.	DESCRIPTION	DATE

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2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
MISCELLANEOUS  
DETAILS

Missman Project No:  
**B16M001**

File Name:  
B16M001-DETAILS - River  
Drawn.dwg

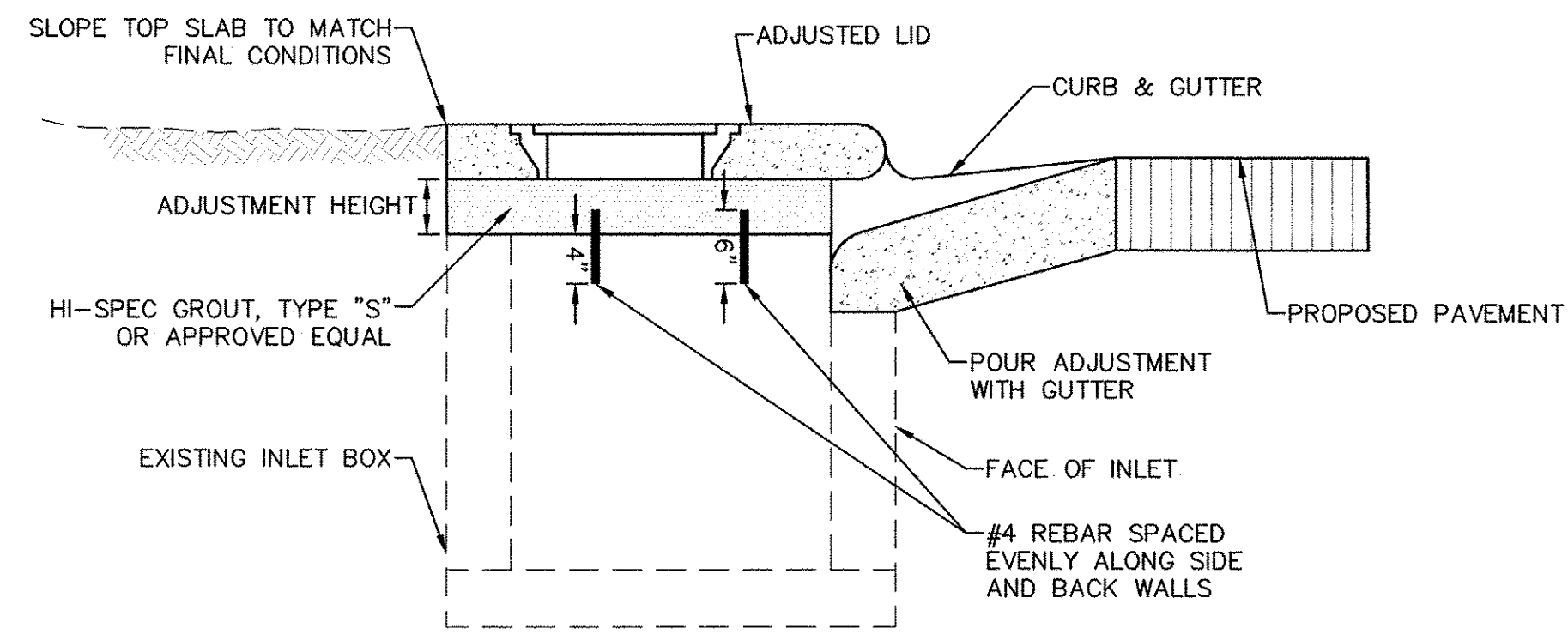
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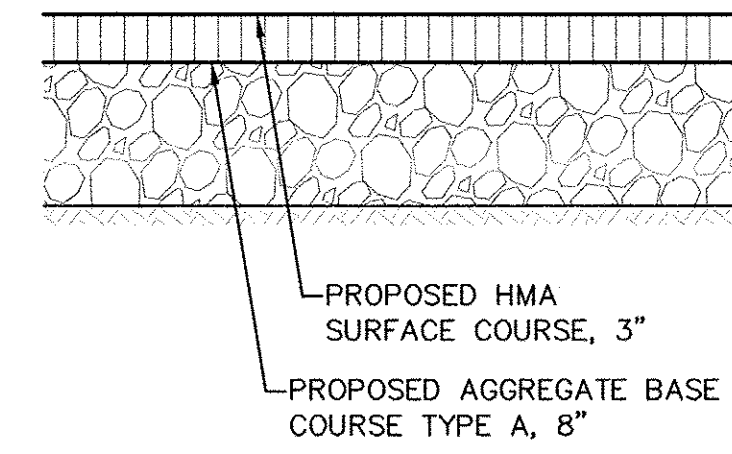
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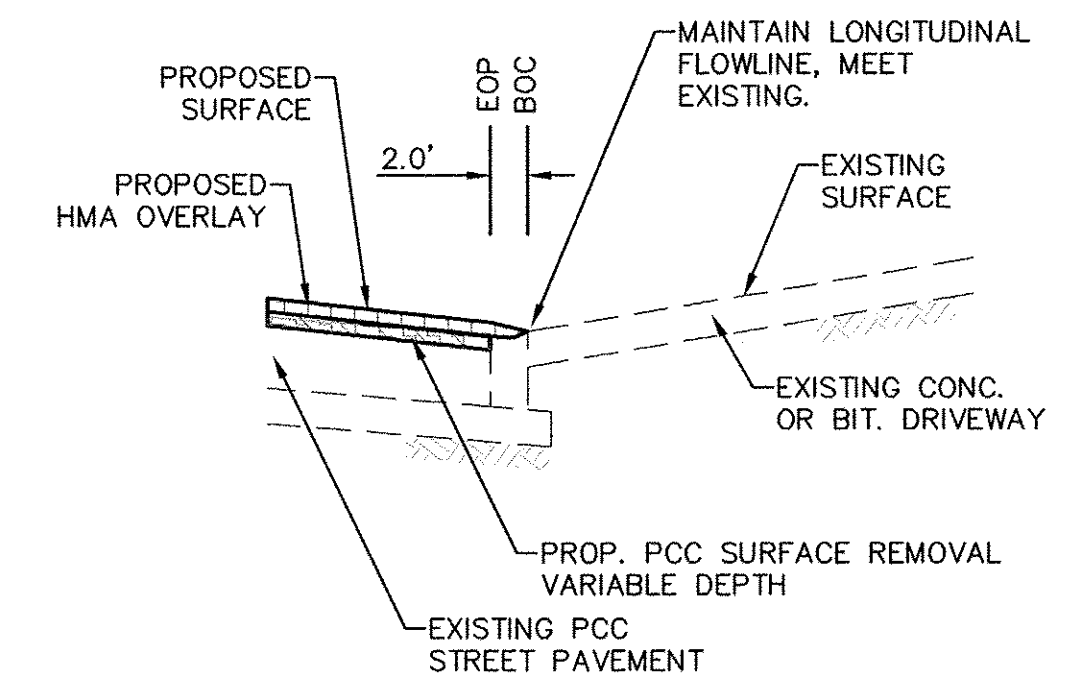
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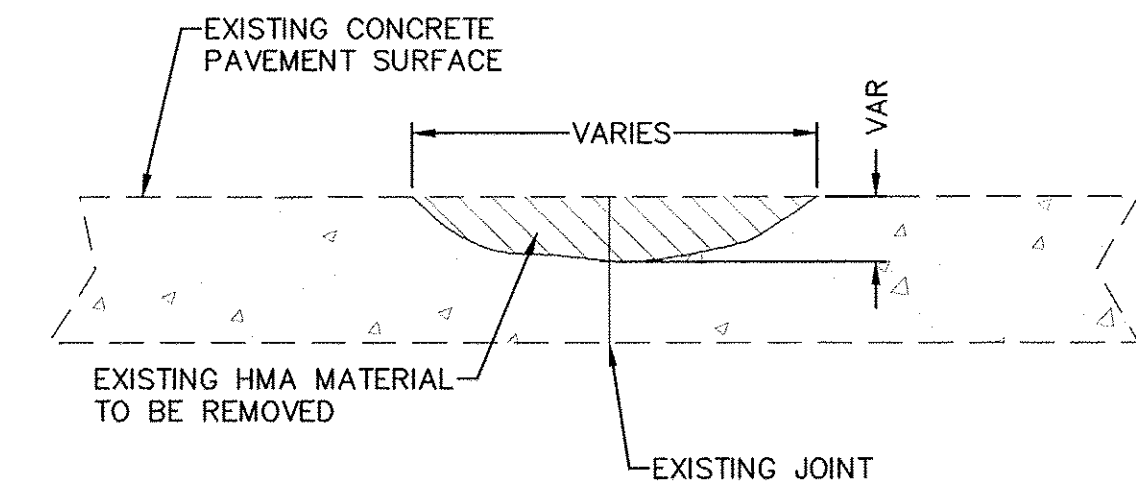
**INLET TO BE ADJUSTED (SPECIAL) - POURED OPTION DETAIL**



**BITUMINOUS BIKE PATH DETAIL**



**DRIVEWAY TIE-IN TYPICAL DETAIL**



LOCATIONS TO BE DETERMINED AS DIRECTED BY THE ENGINEER.  
 EXPOSED AREA TO BE CLEANED AND TACKIFIED PRIOR TO  
 INSTALLATION OF LEVELING BINDER (HAND METHOD) IL-9.5FG, N50

**JOINT REPAIR DETAIL**

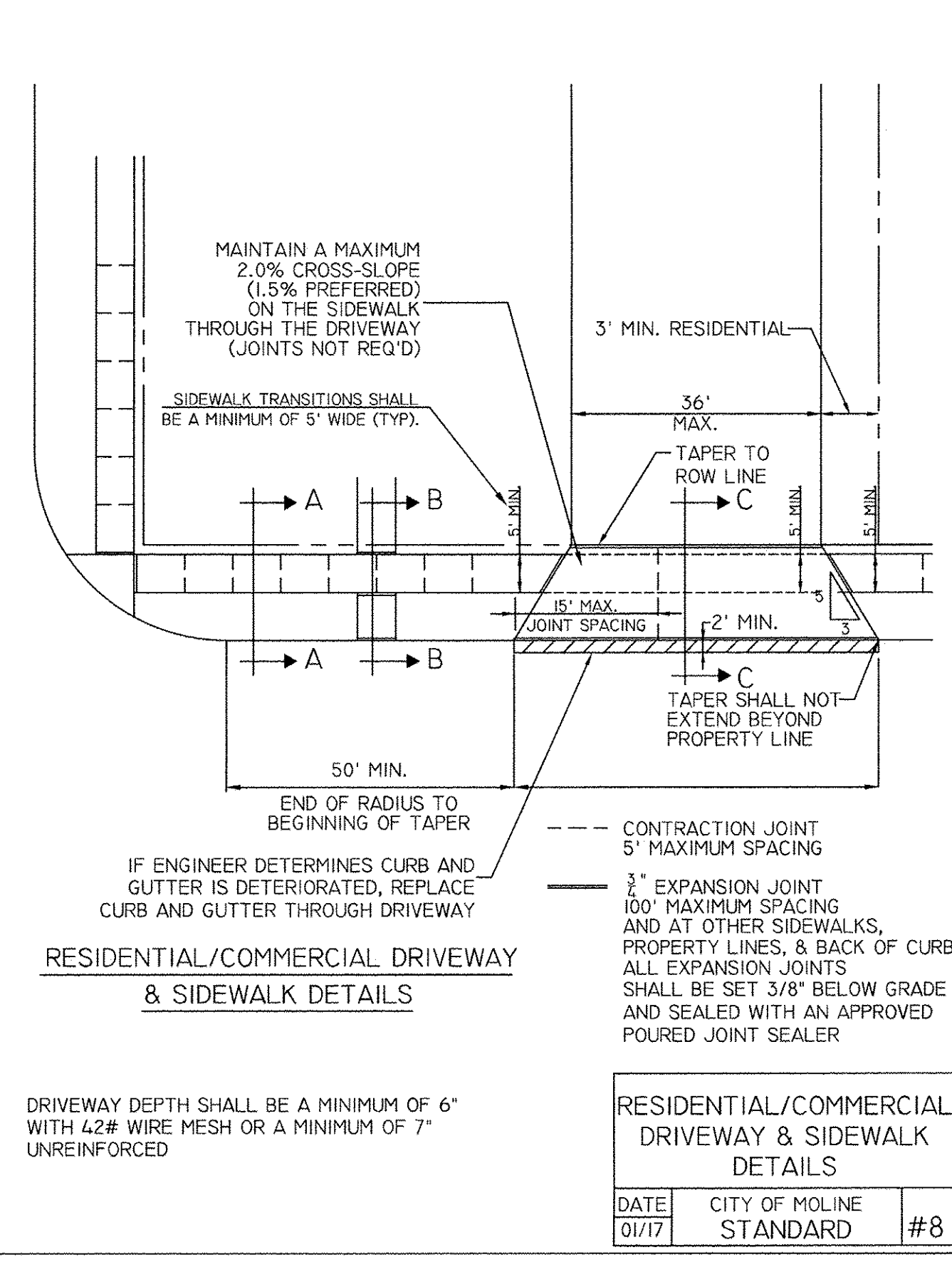
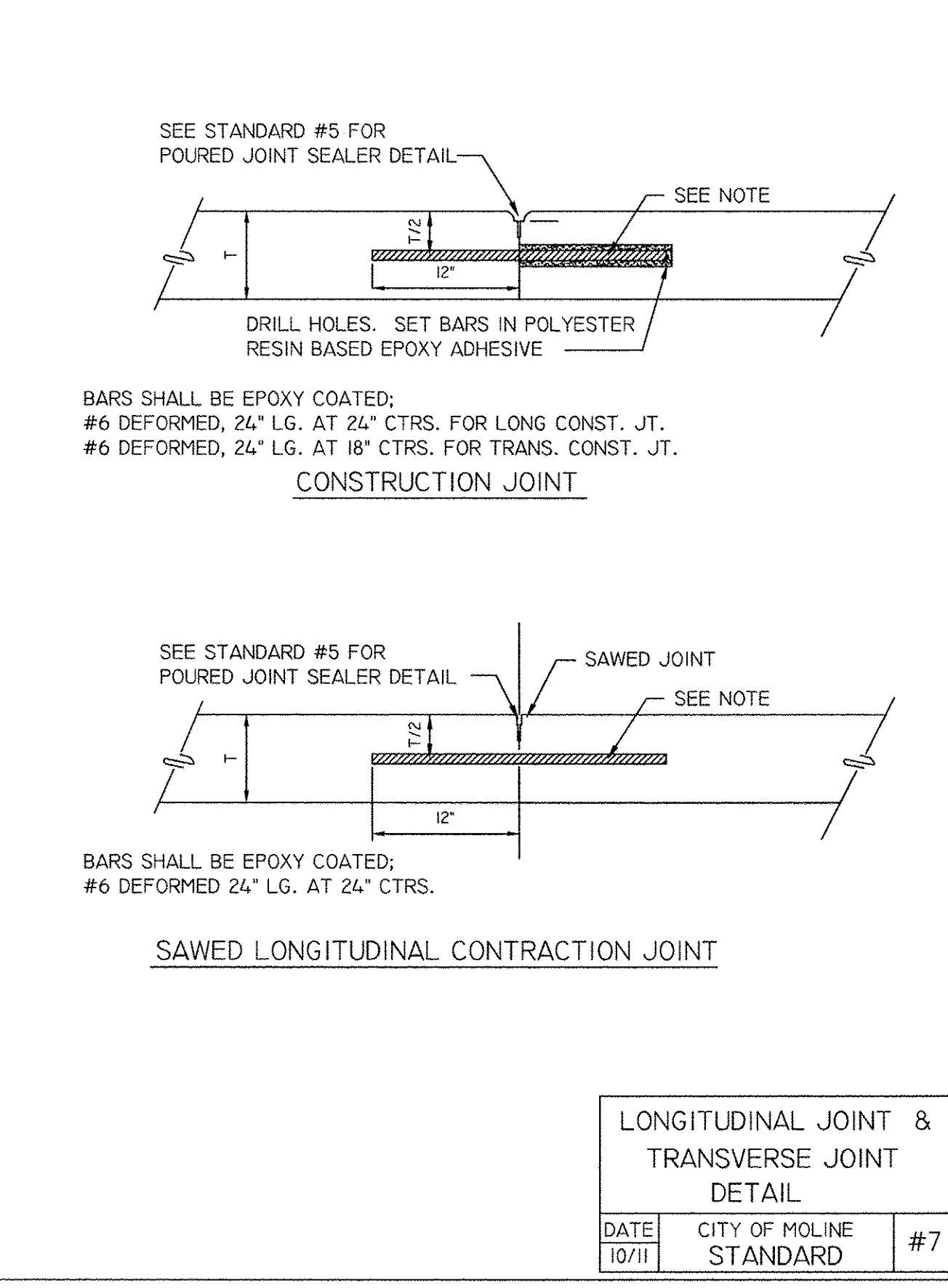
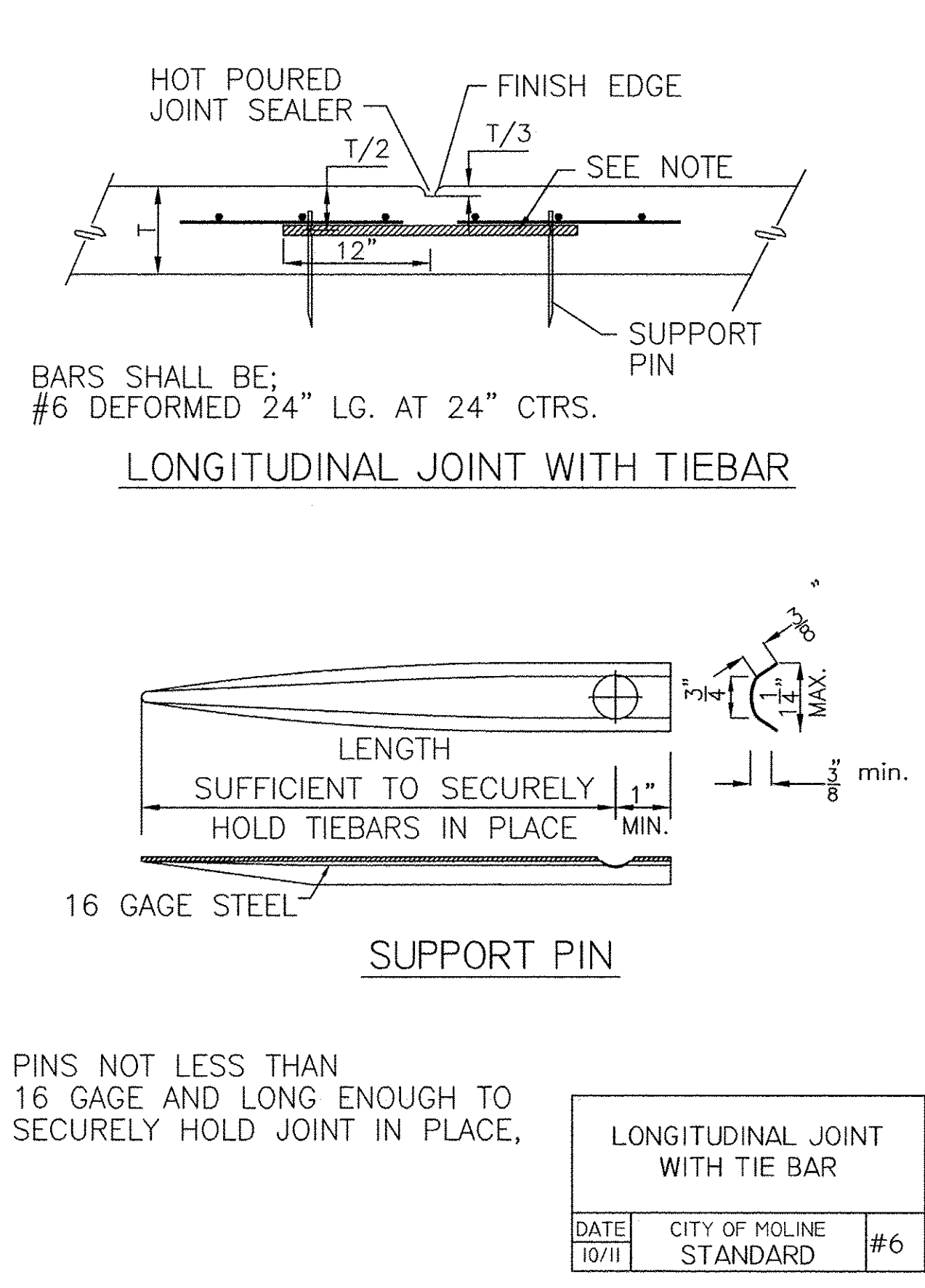
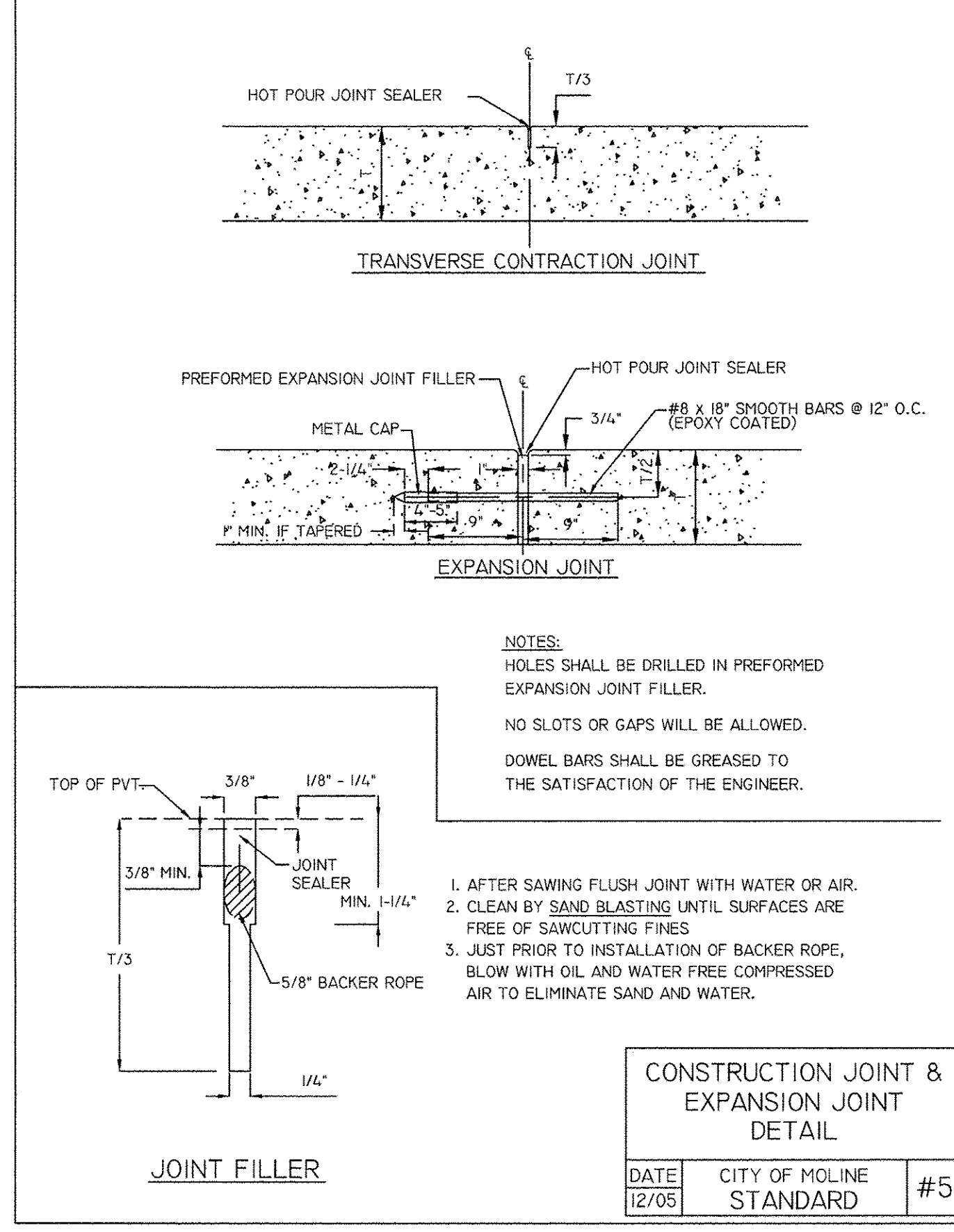
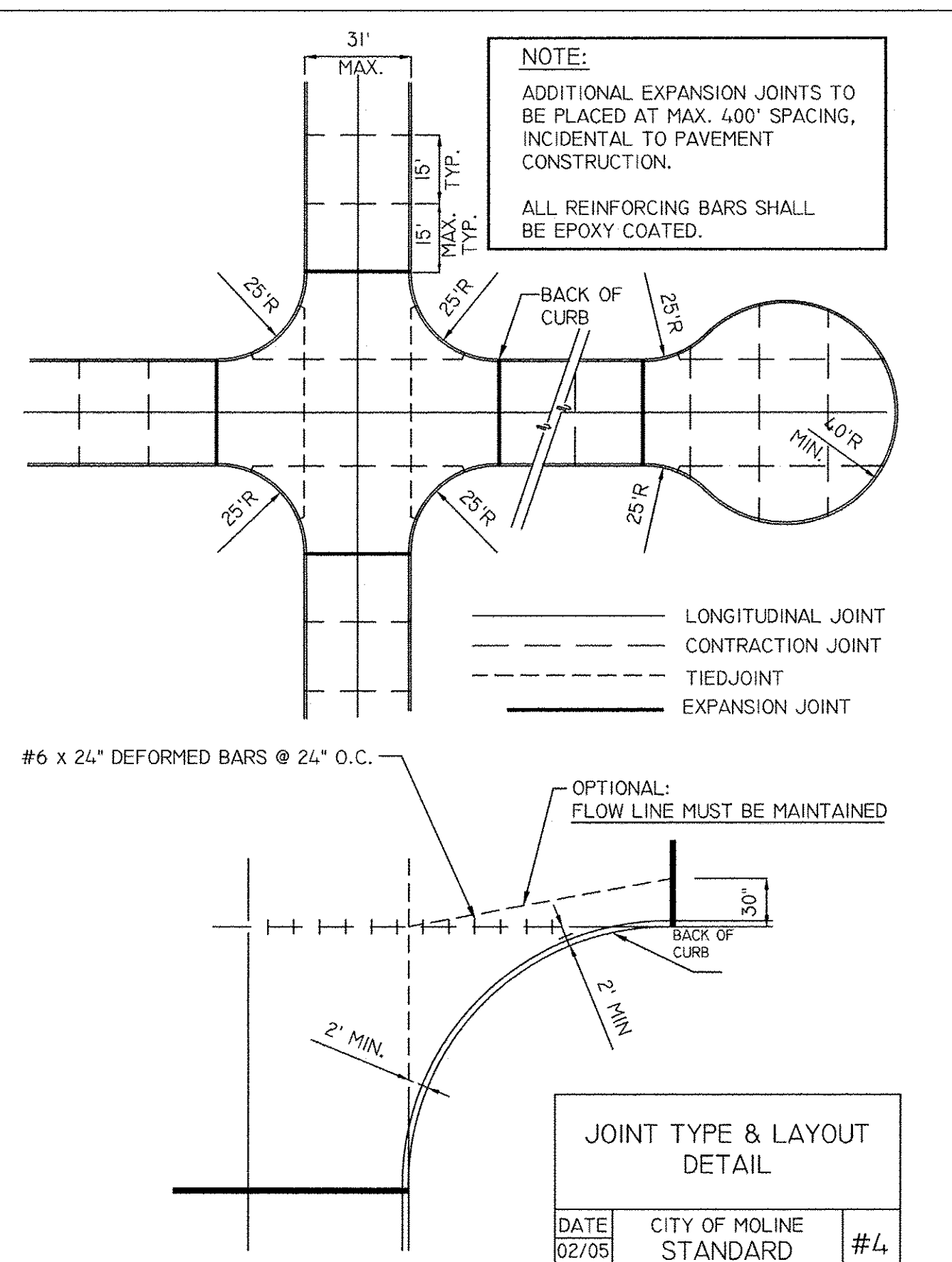
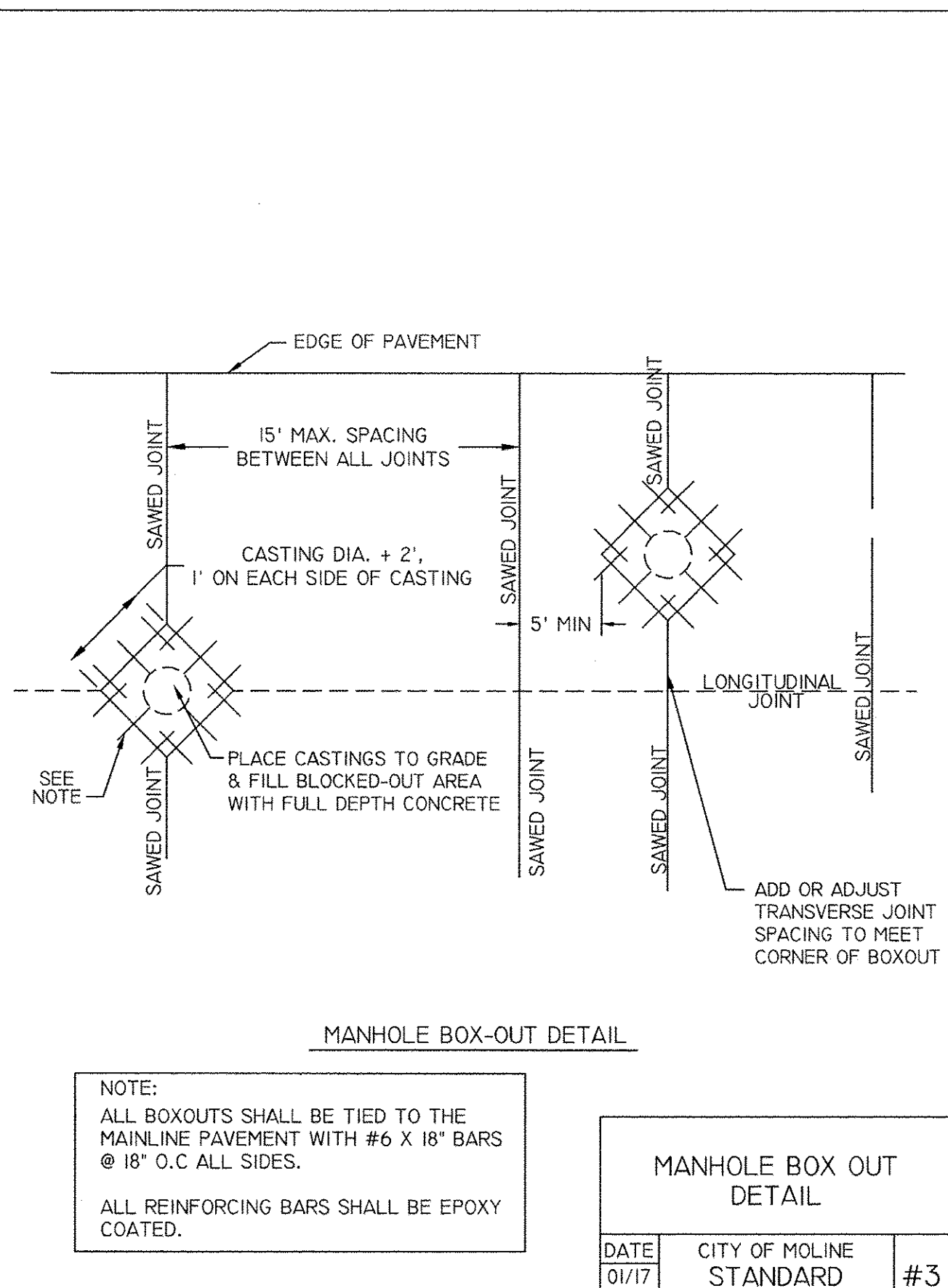
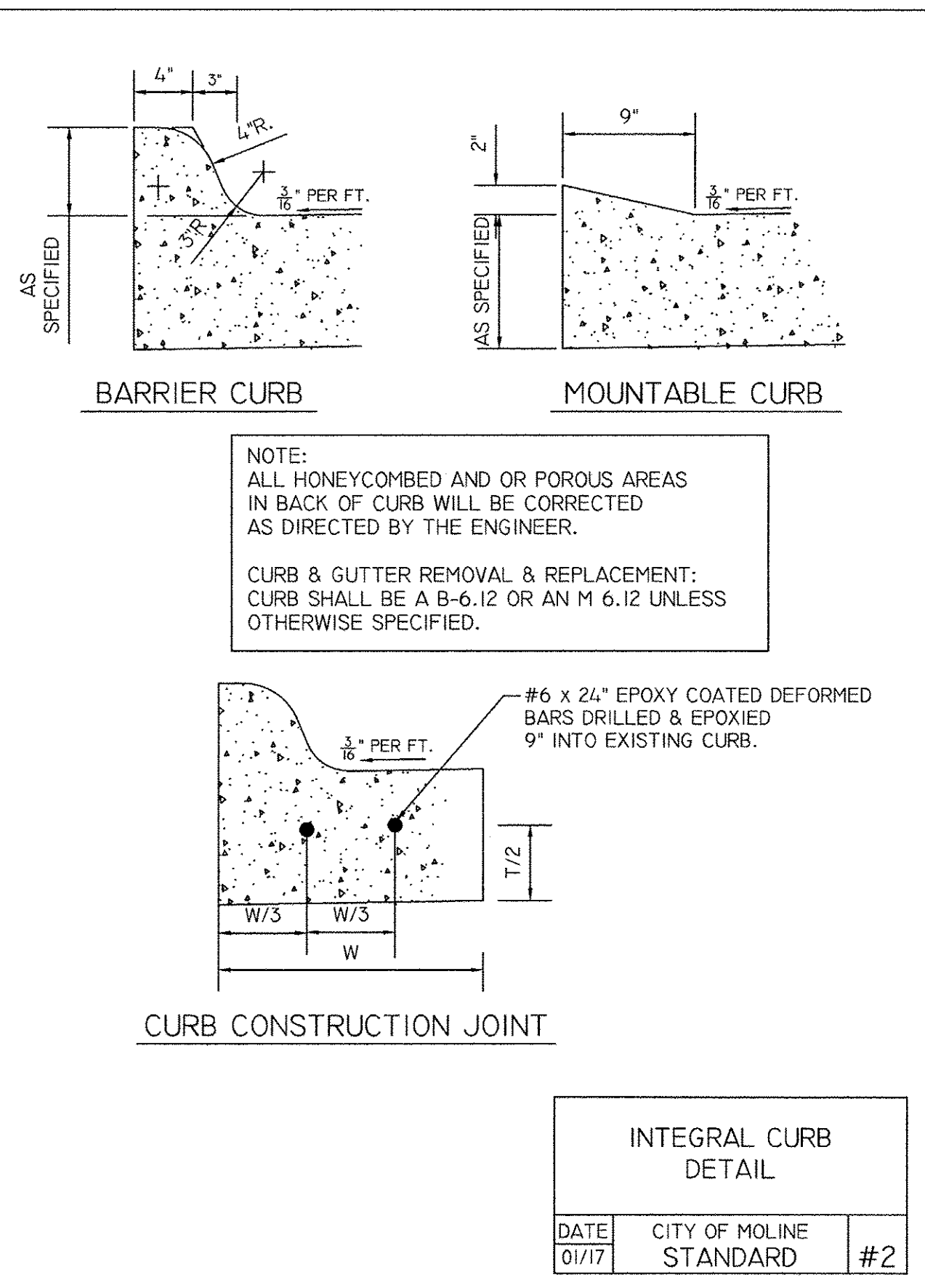
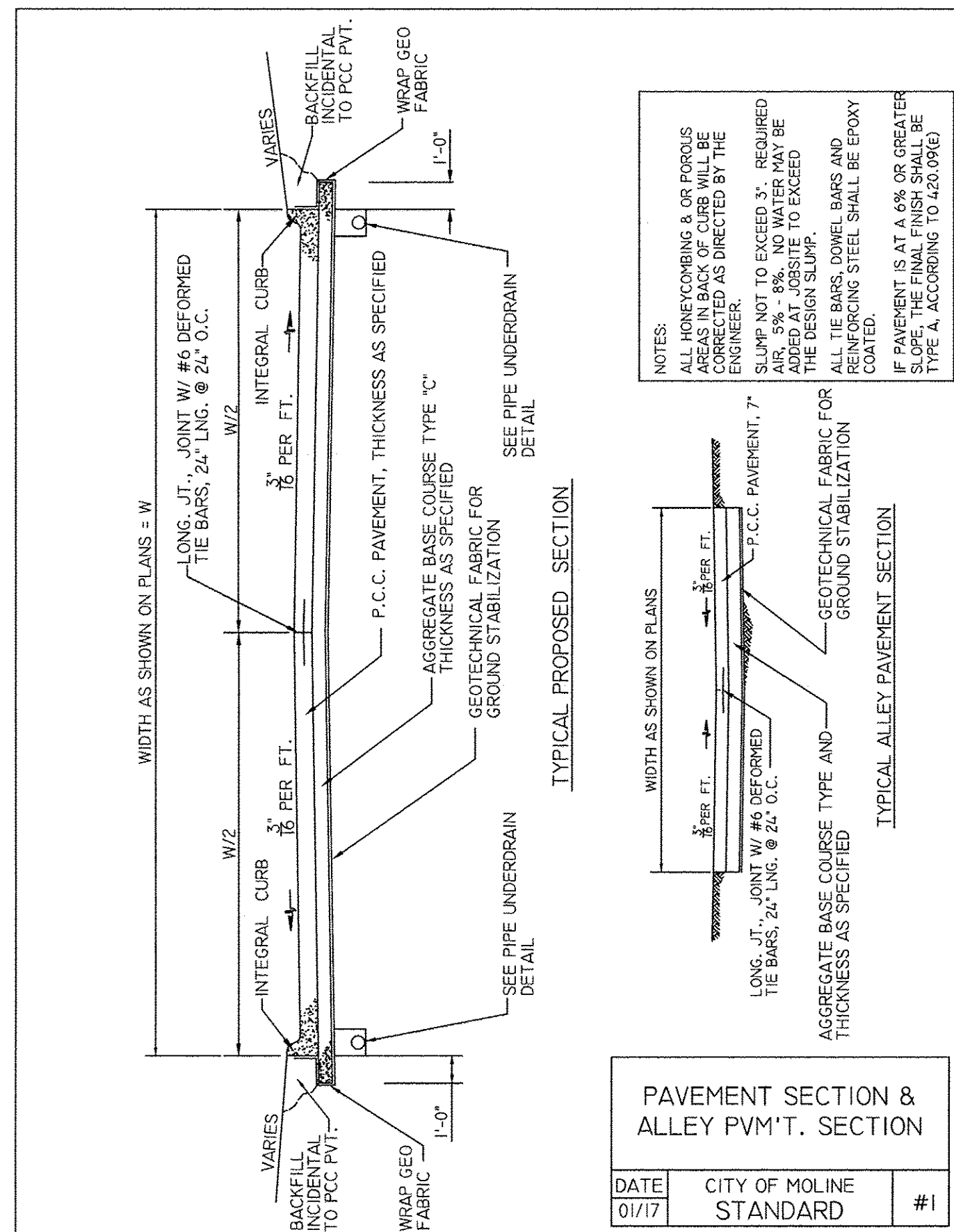
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2017 MOLINE RESURFACING  
 MOLINE, ILLINOIS  
 MISCELLANEOUS  
 DETAILS (2)

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 File Name:  
 B16M001-DETAILS - River  
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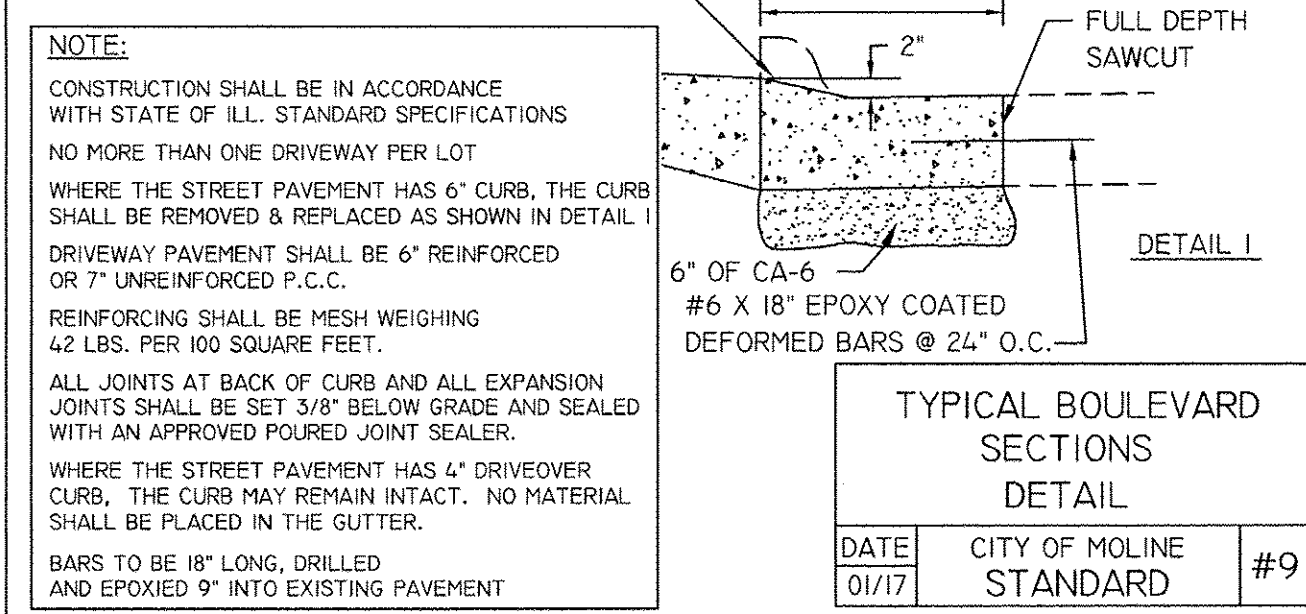
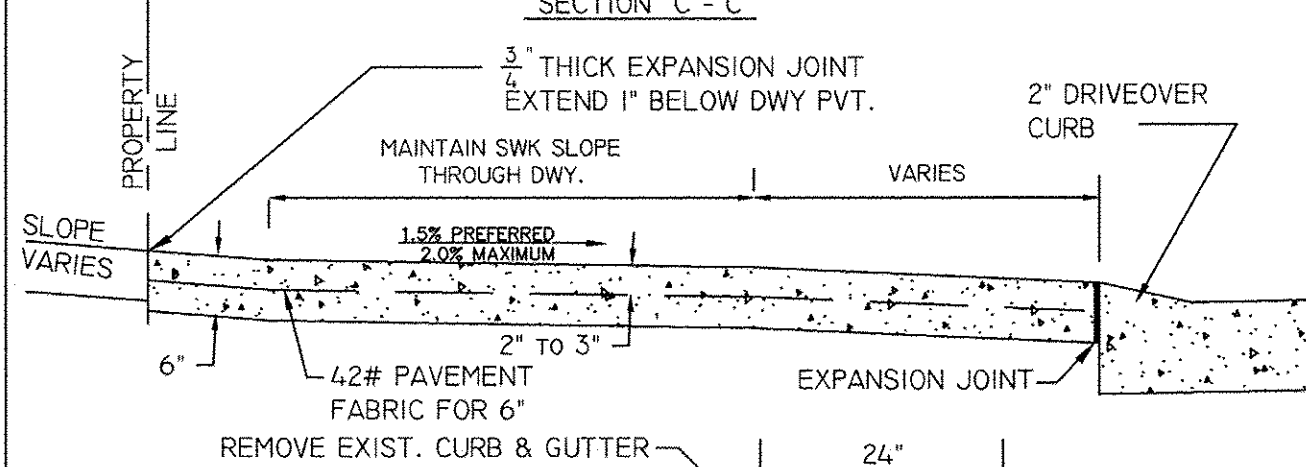
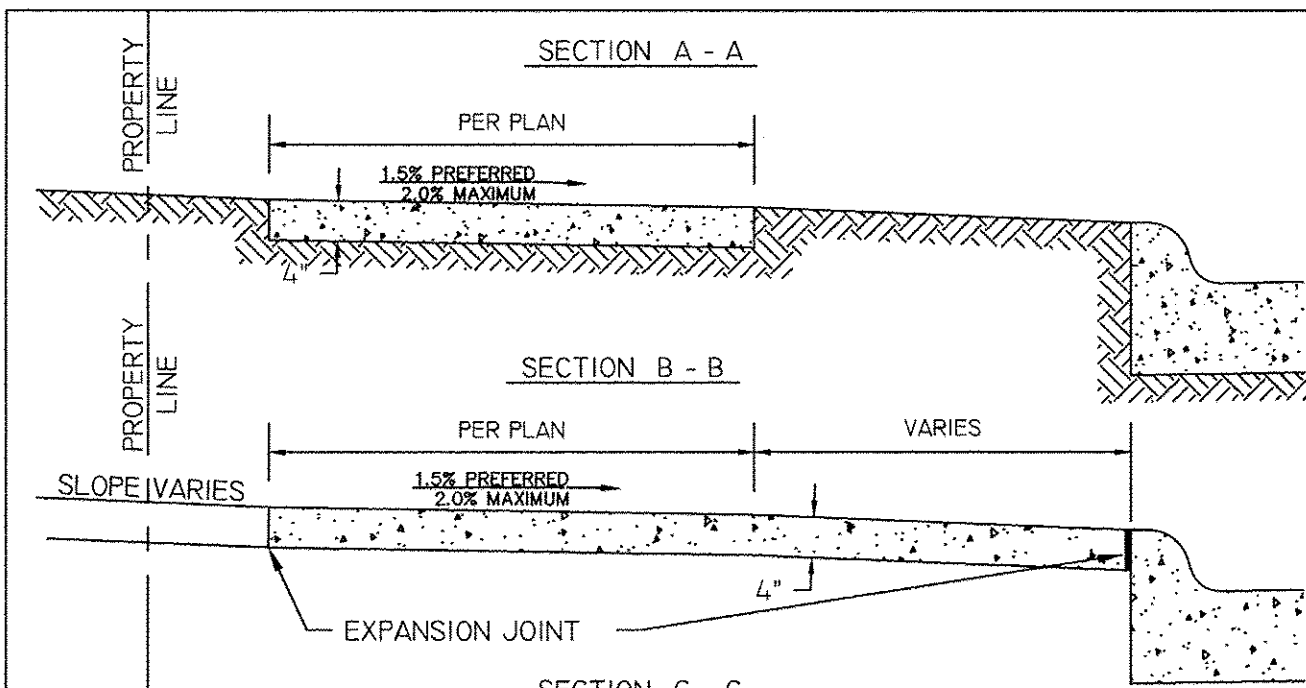
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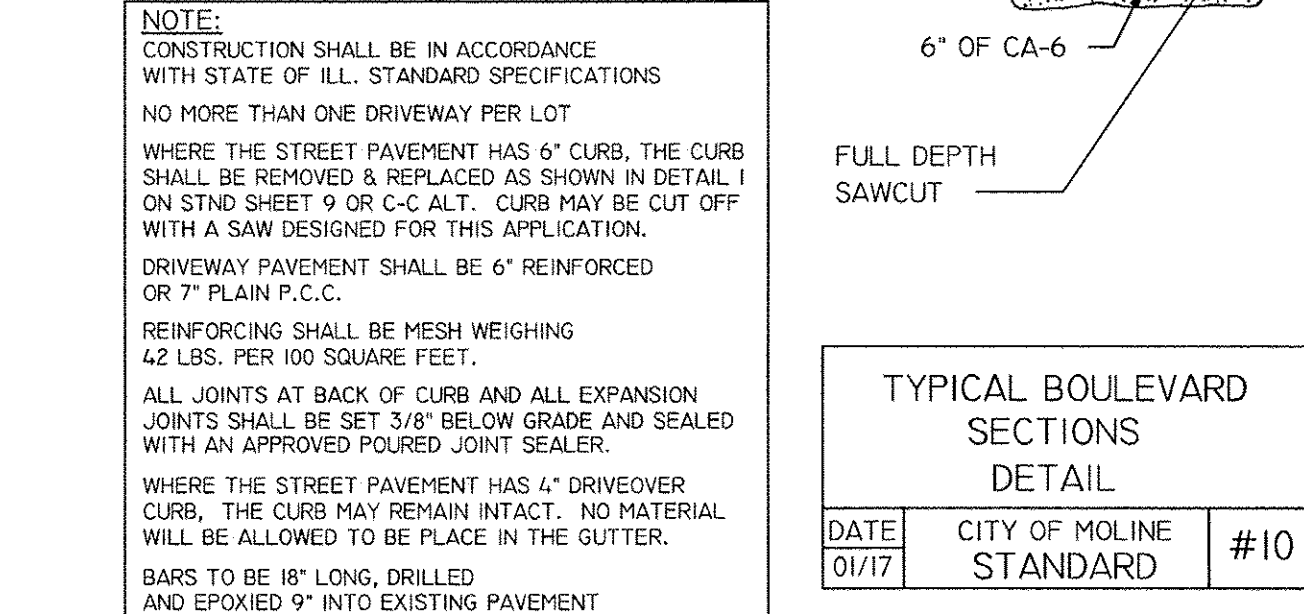
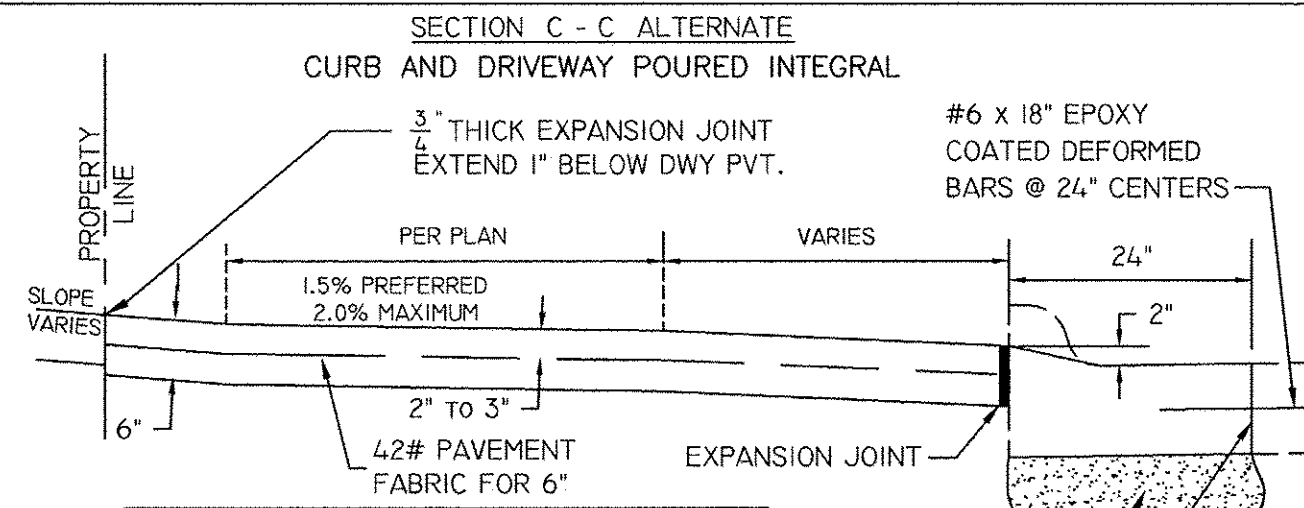
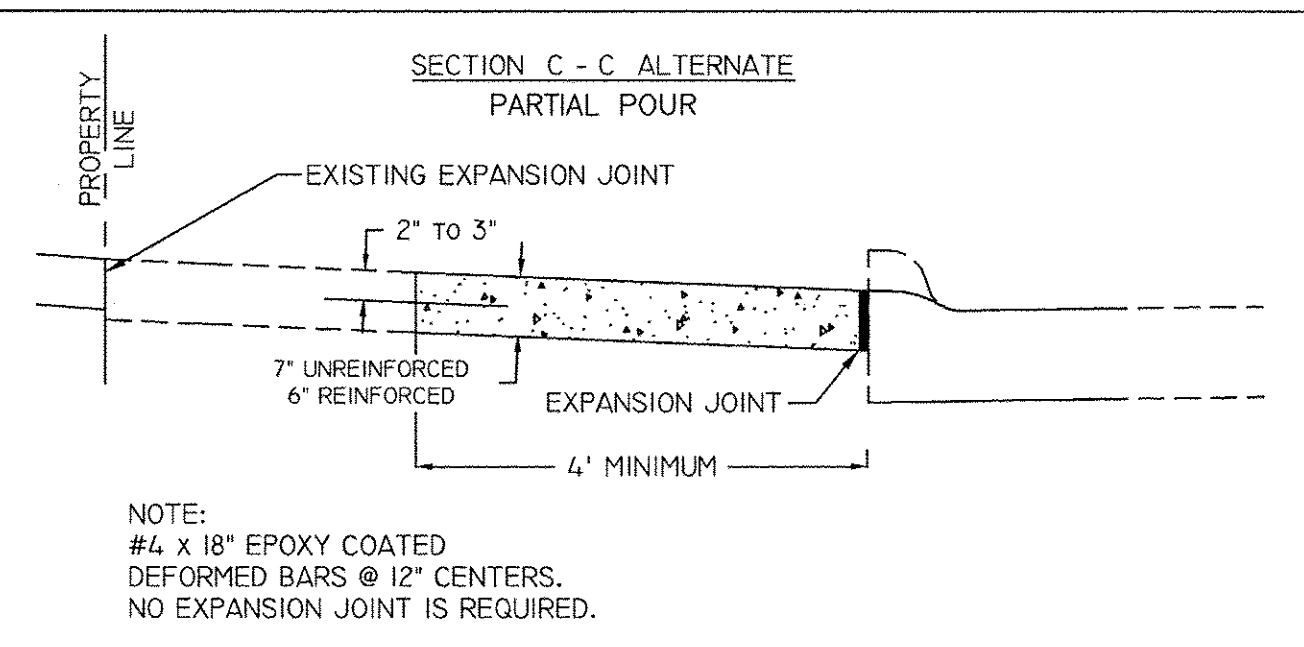
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2017 MOLINE RESURFACING  
 MOLINE, ILLINOIS  
 CITY OF MOLINE DETAILS

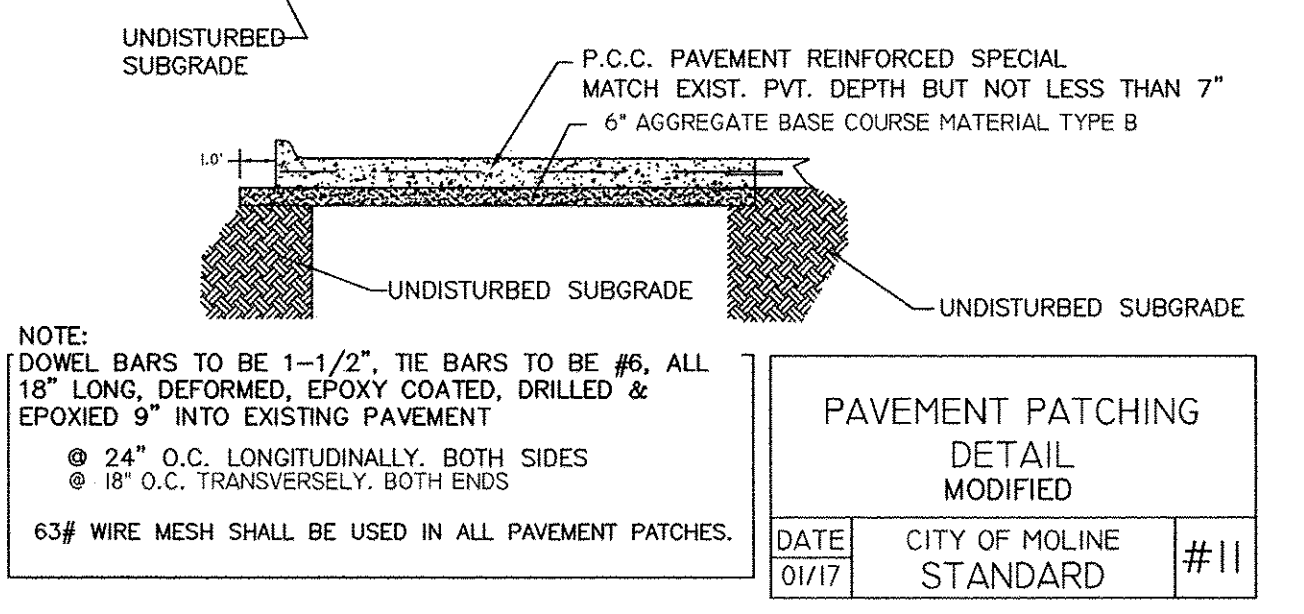
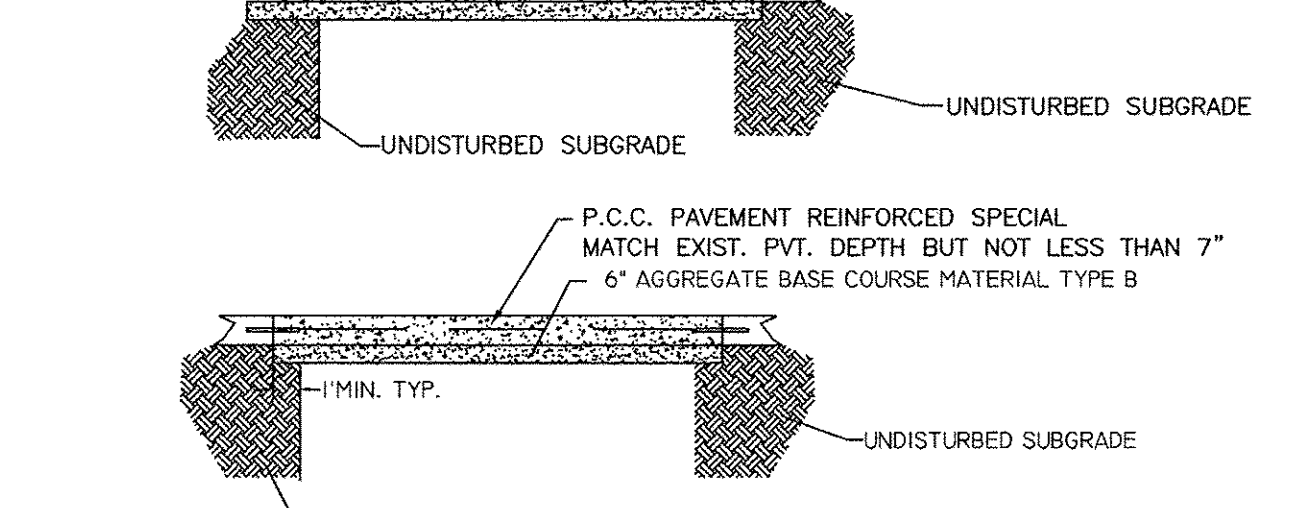
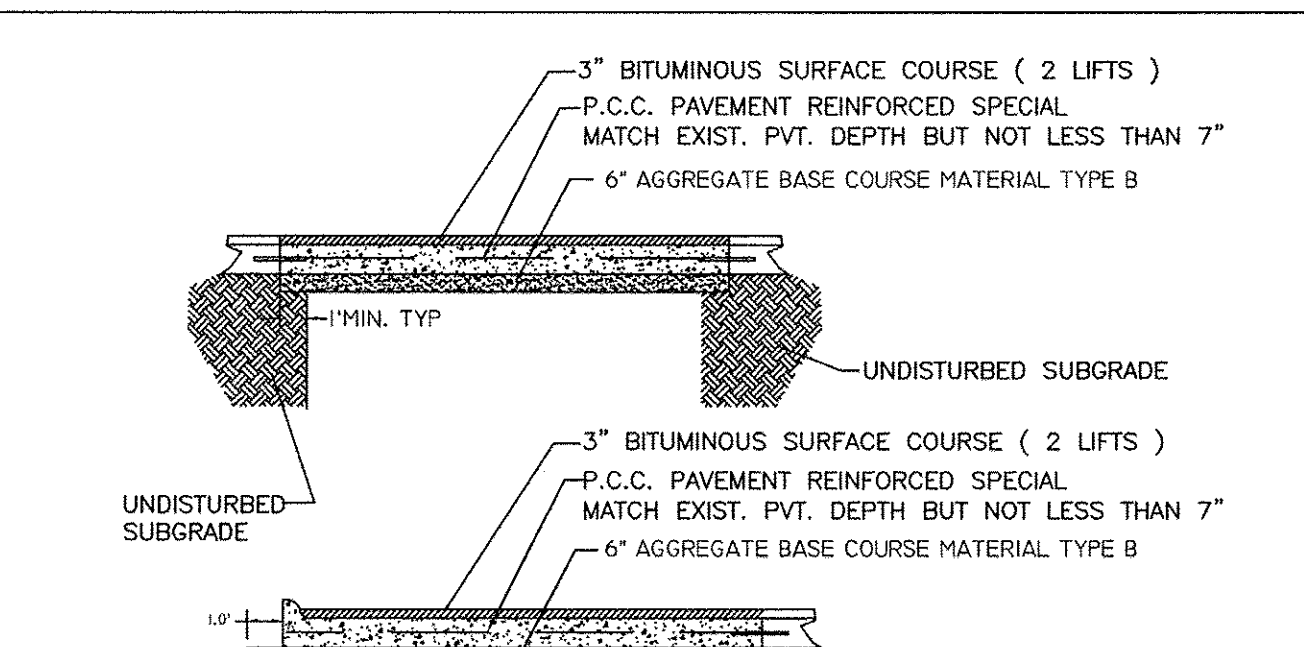
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 Date: 04/20/2017



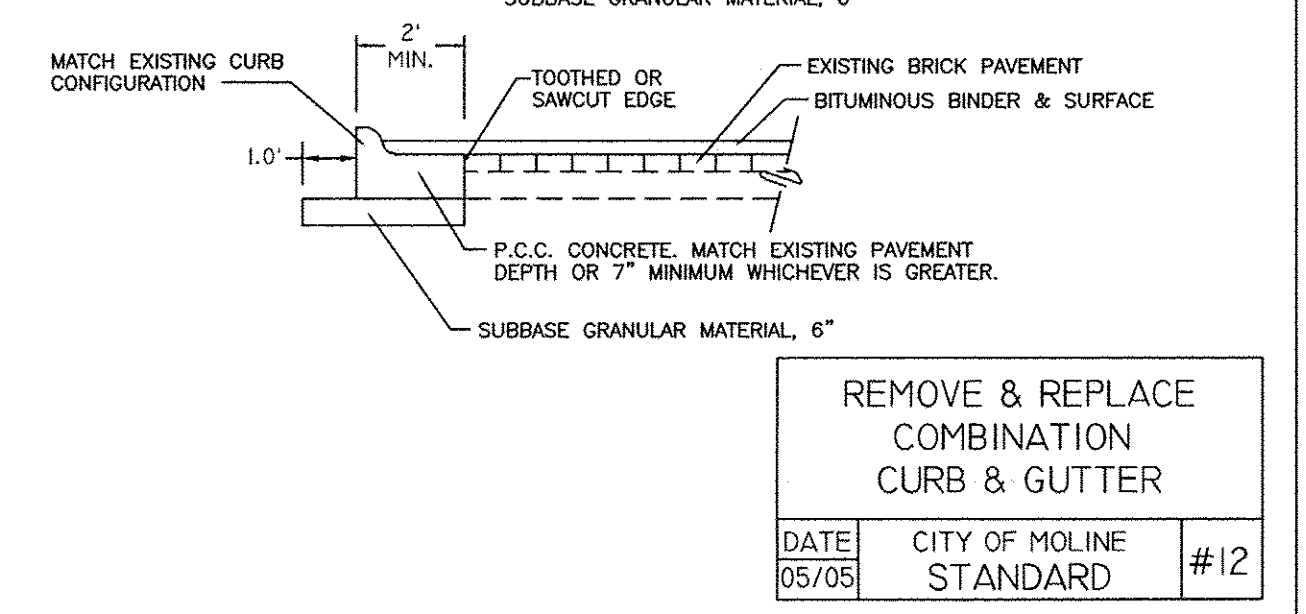
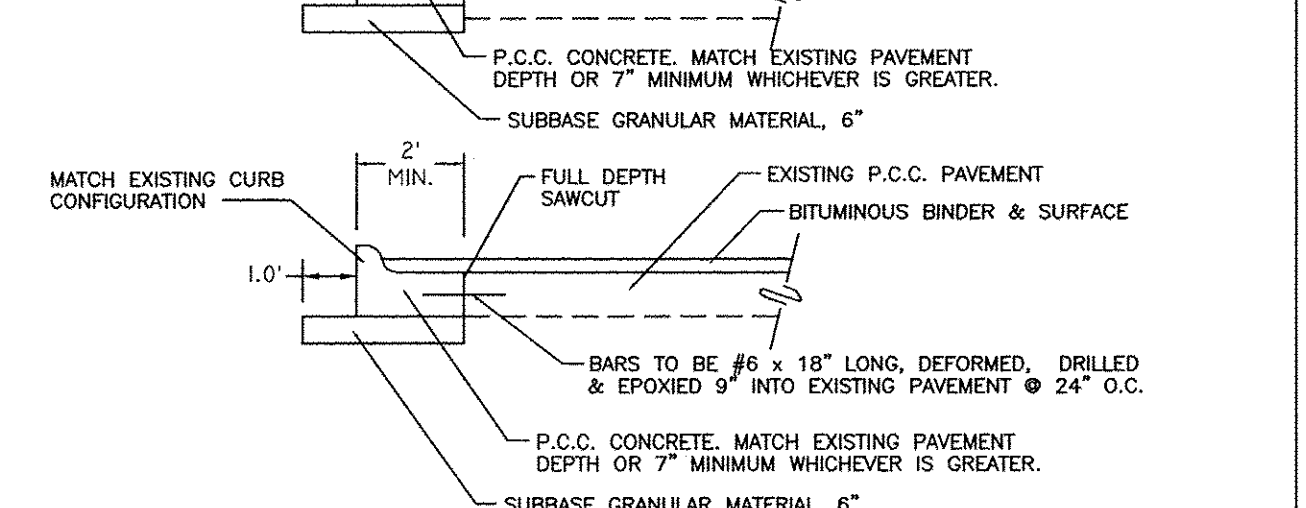
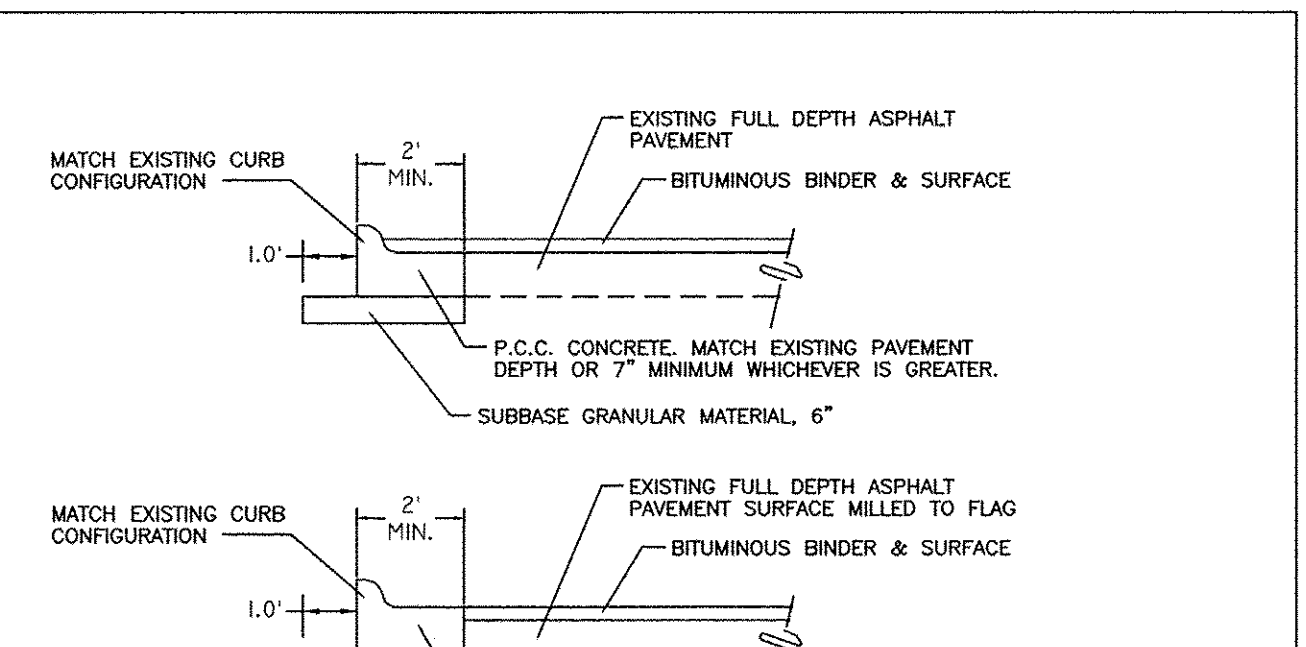
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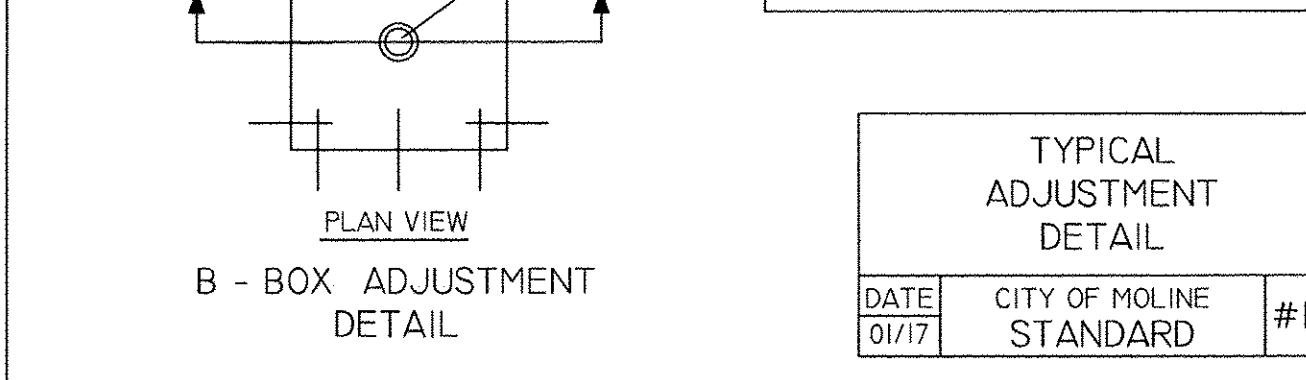
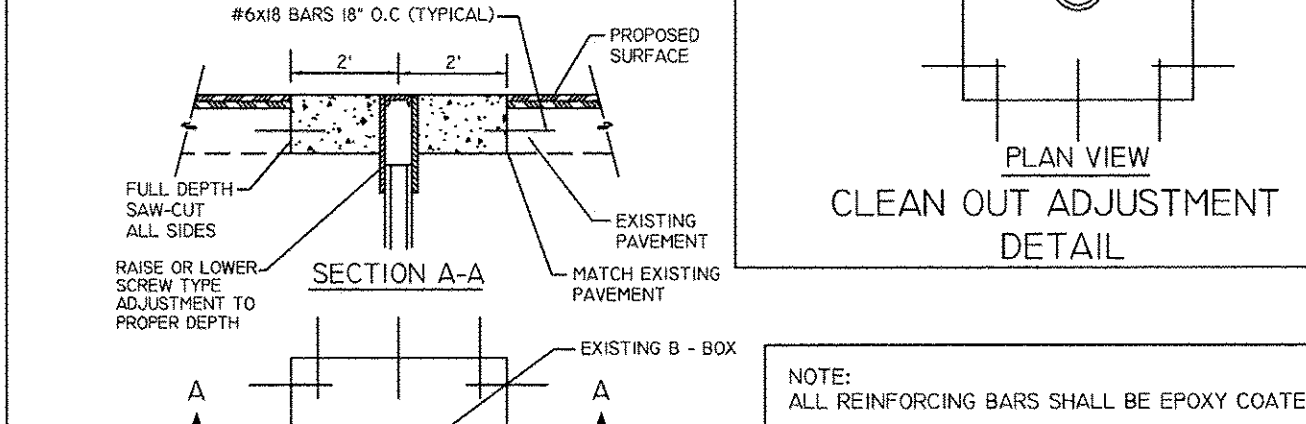
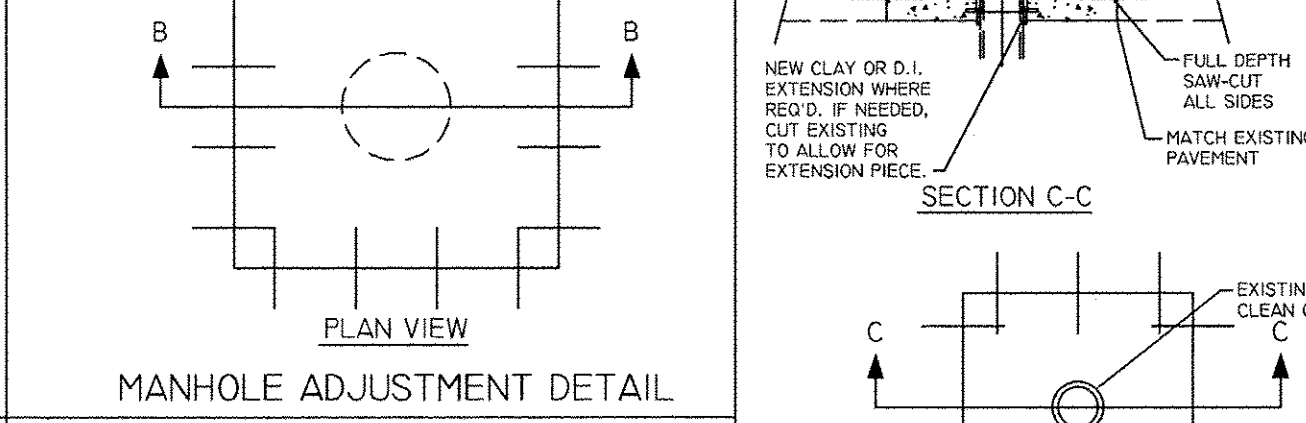
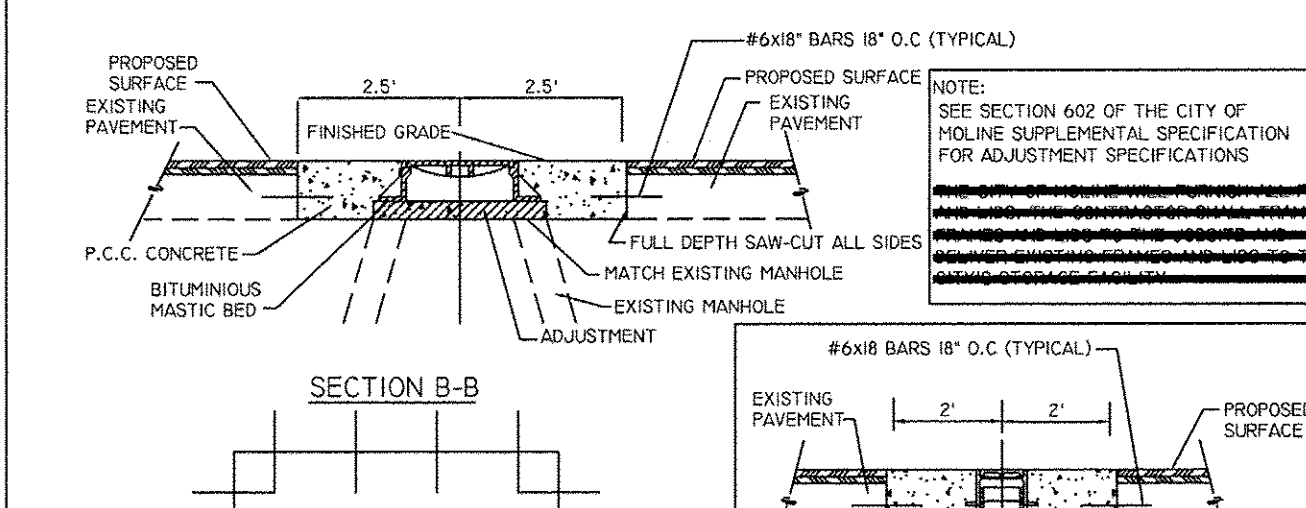
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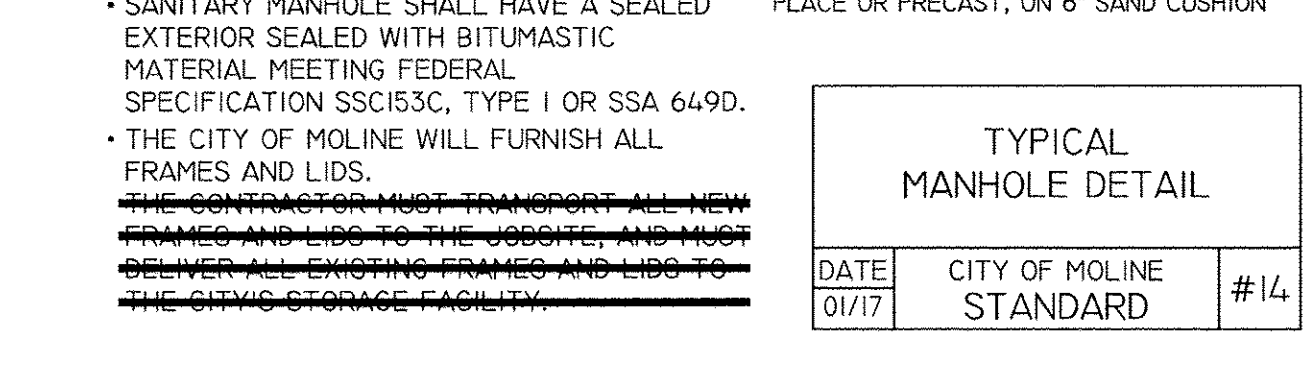
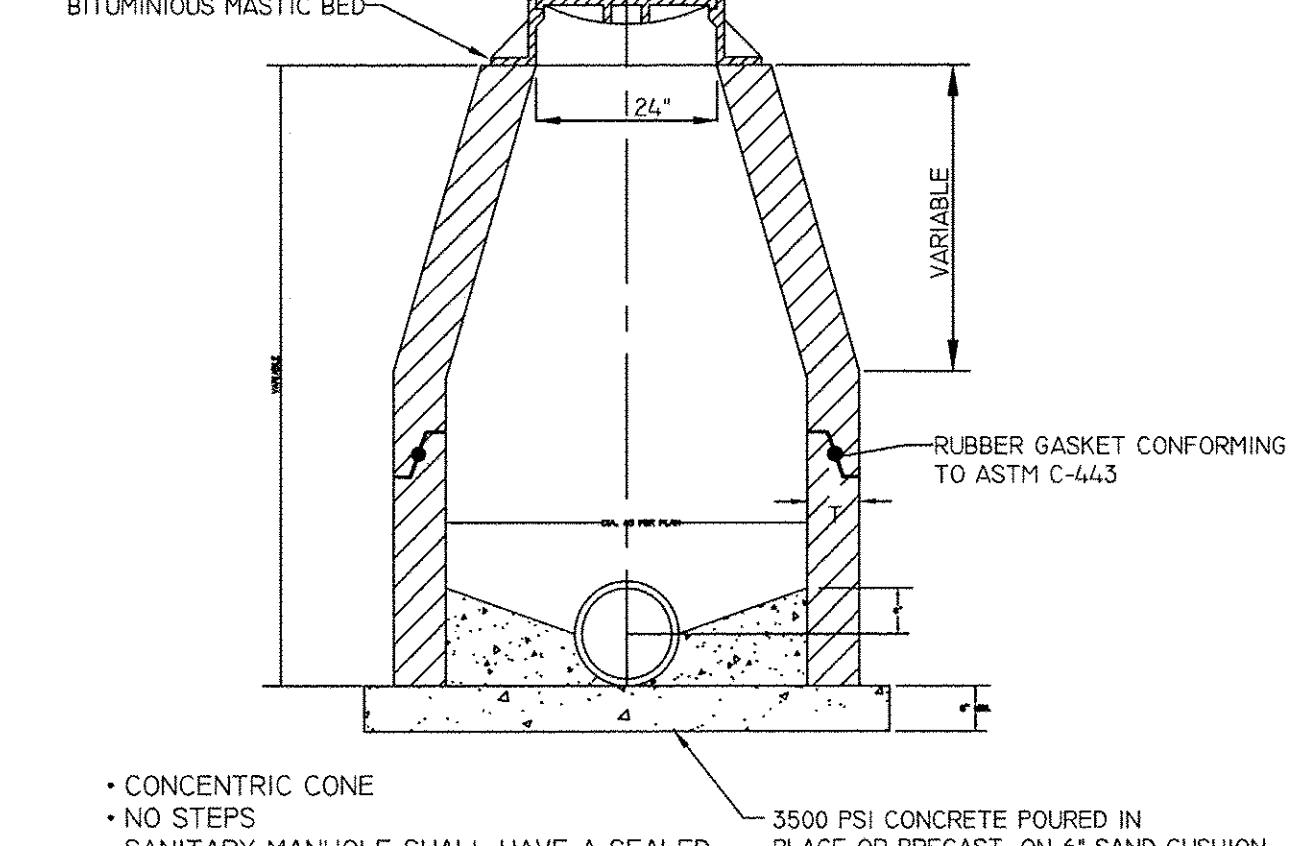
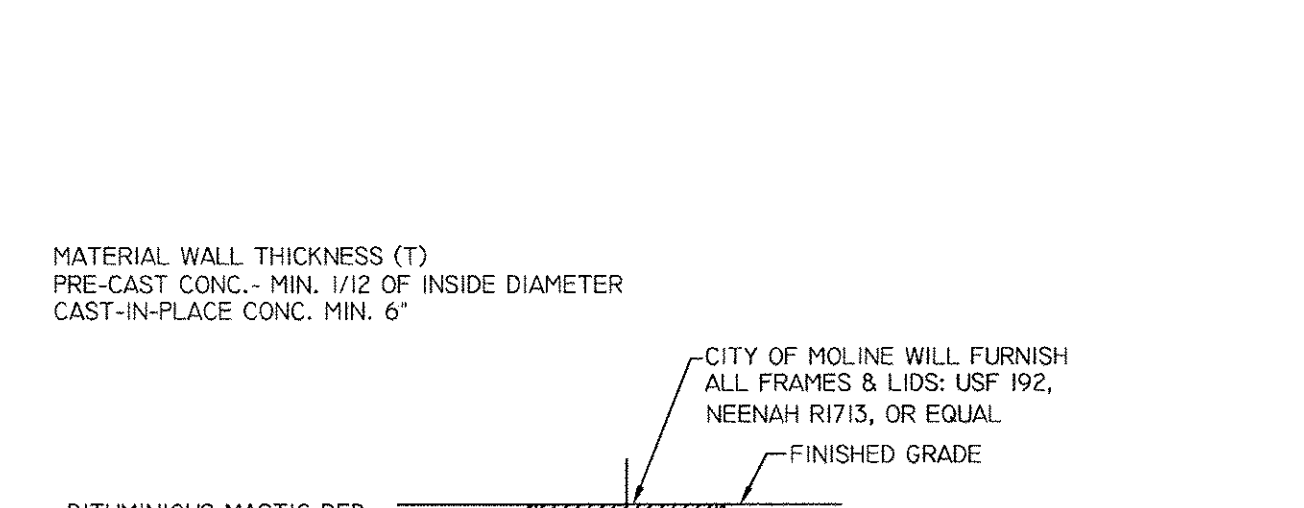
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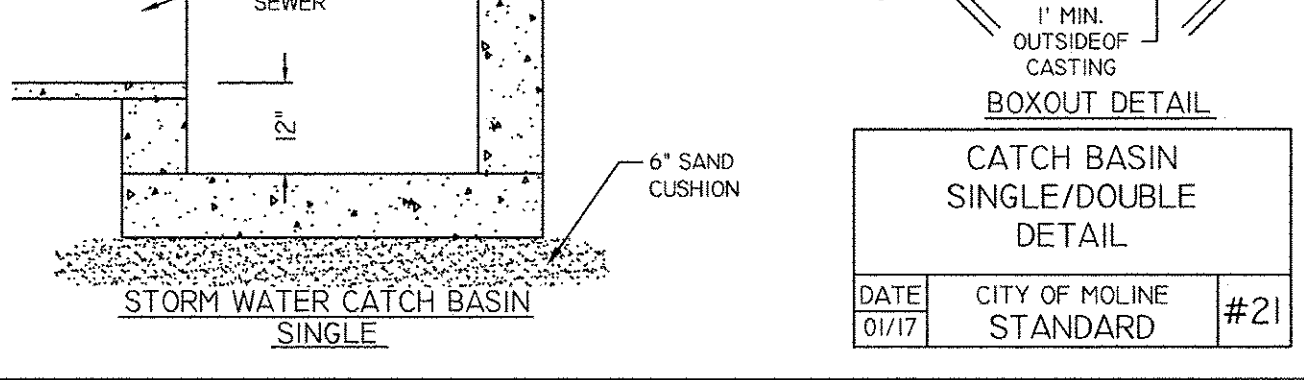
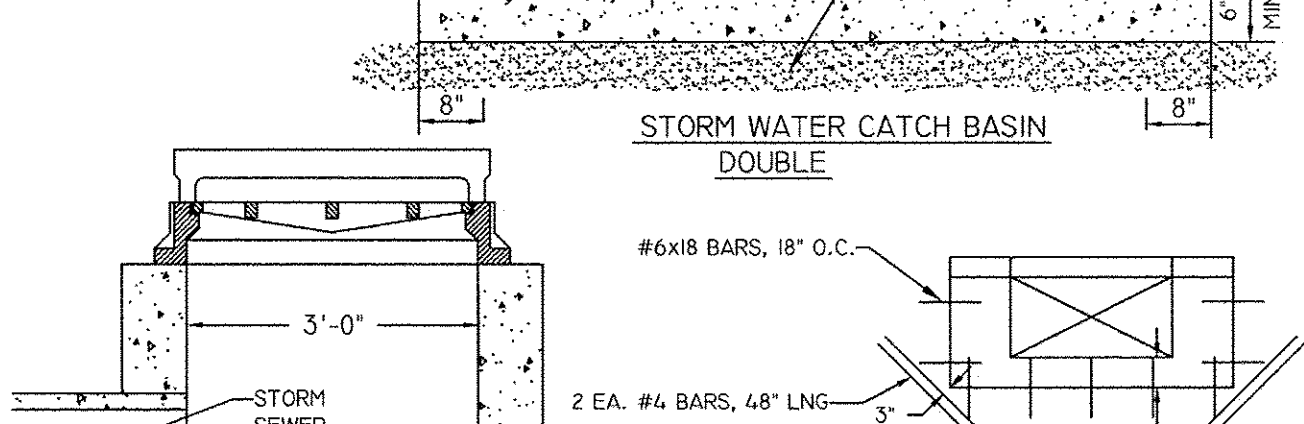
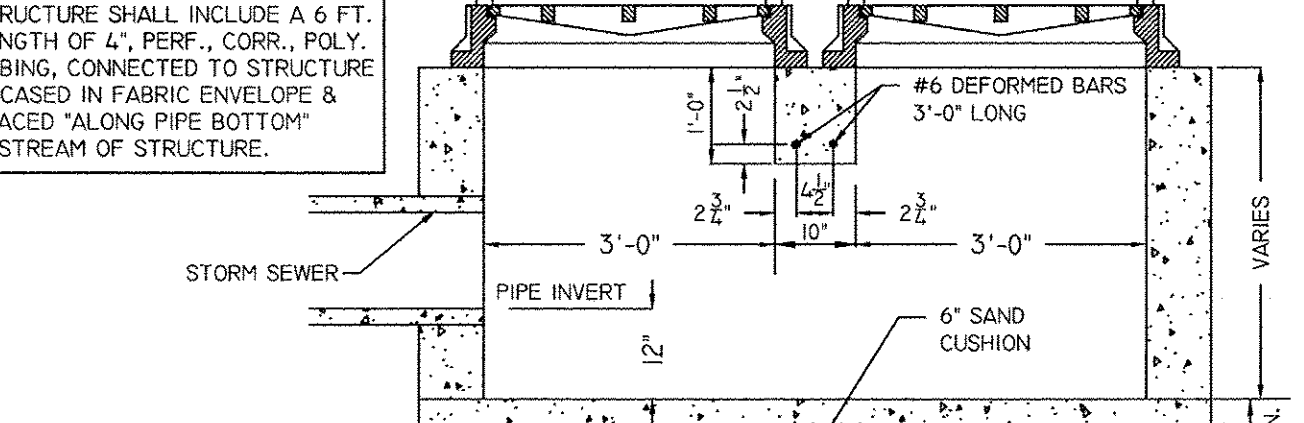
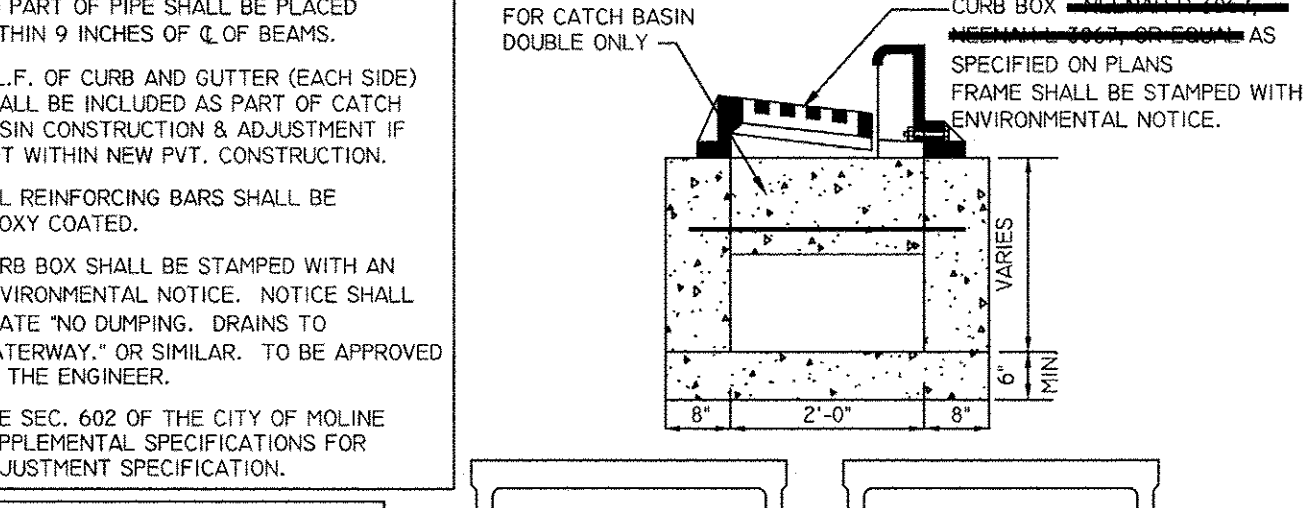
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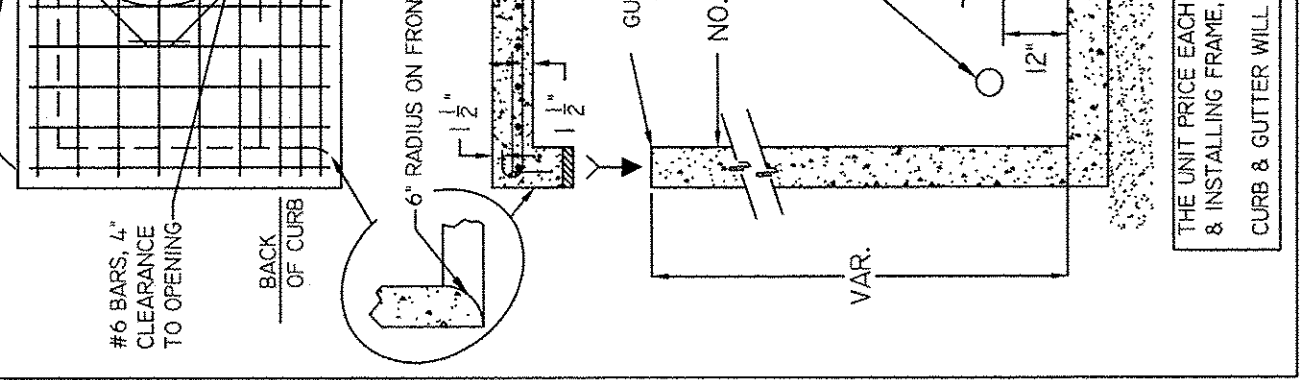
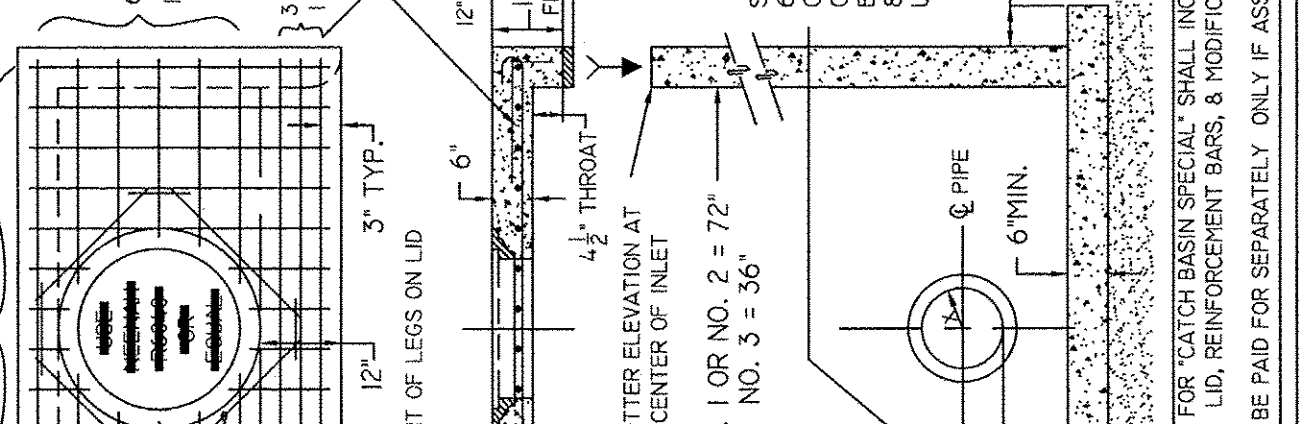
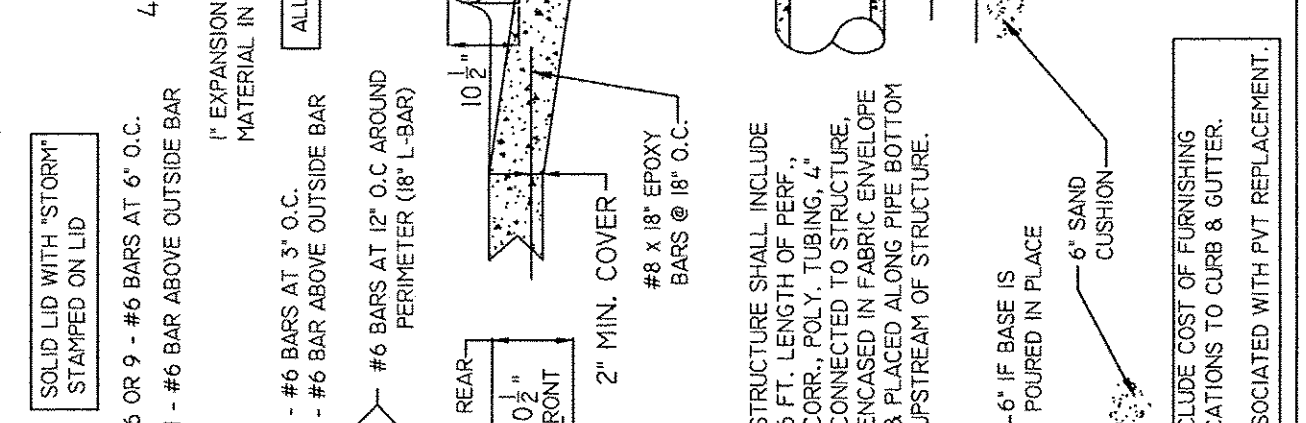
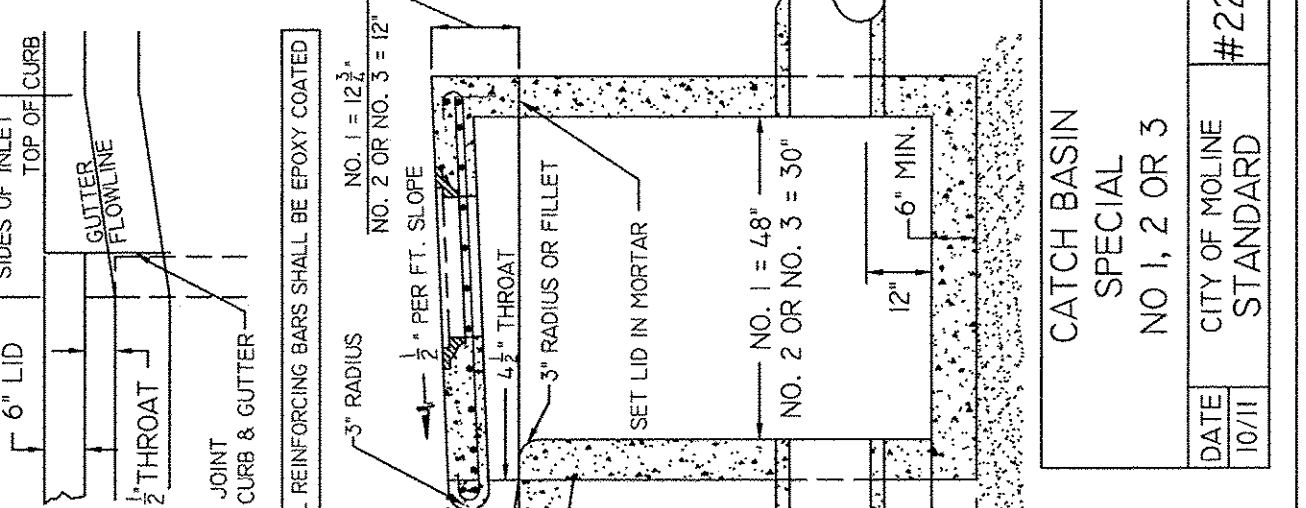
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------	-------------------------	-----



DATE	CITY OF MOLINE STANDARD	#14
------	-------------------------	-----



DATE	CITY OF MOLINE STANDARD	#21
------	-------------------------	-----



DATE	CITY OF MOLINE STANDARD	#22
------	-------------------------	-----

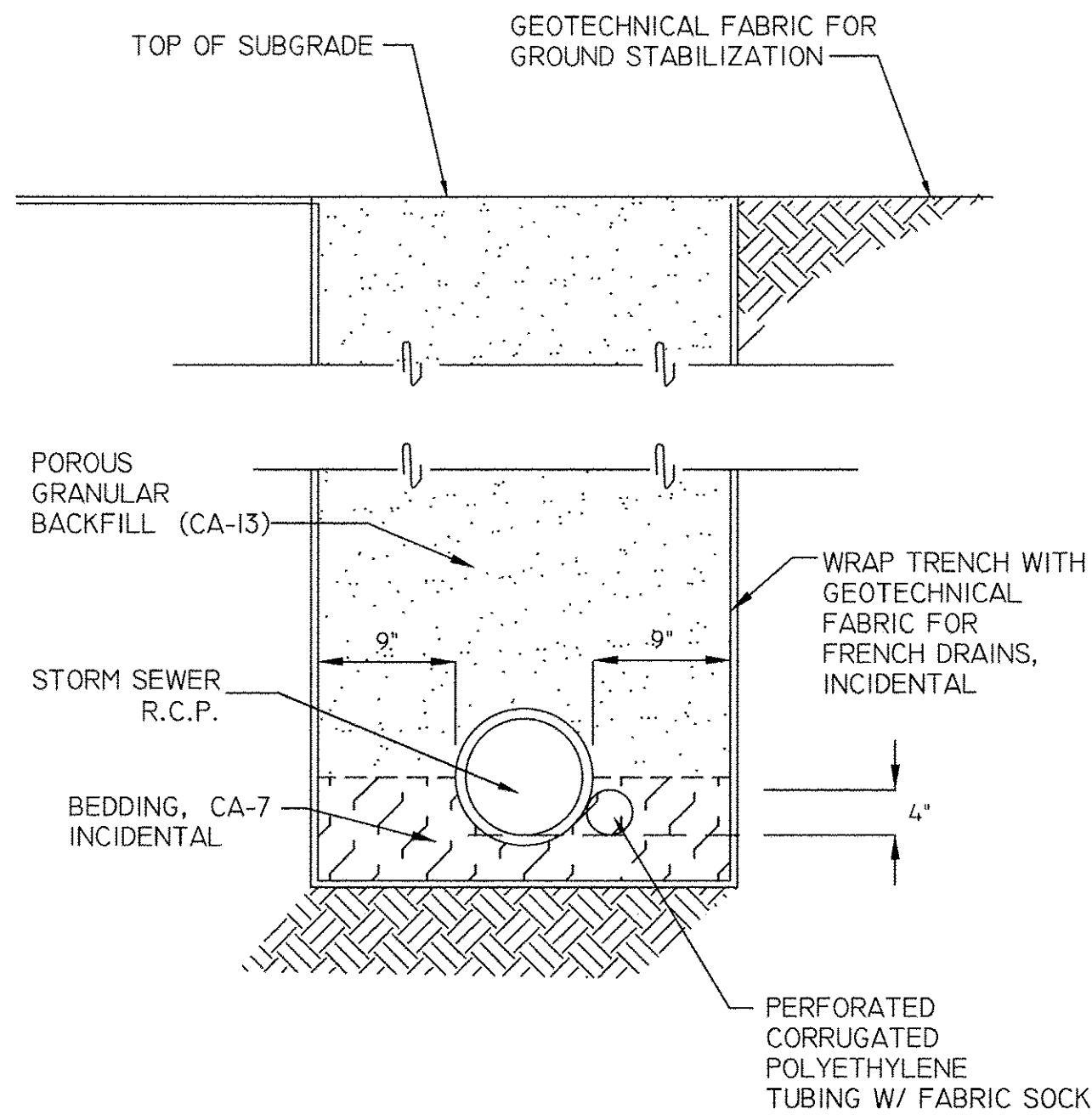
NO.	REVISIONS	DESCRIPTION	DATE

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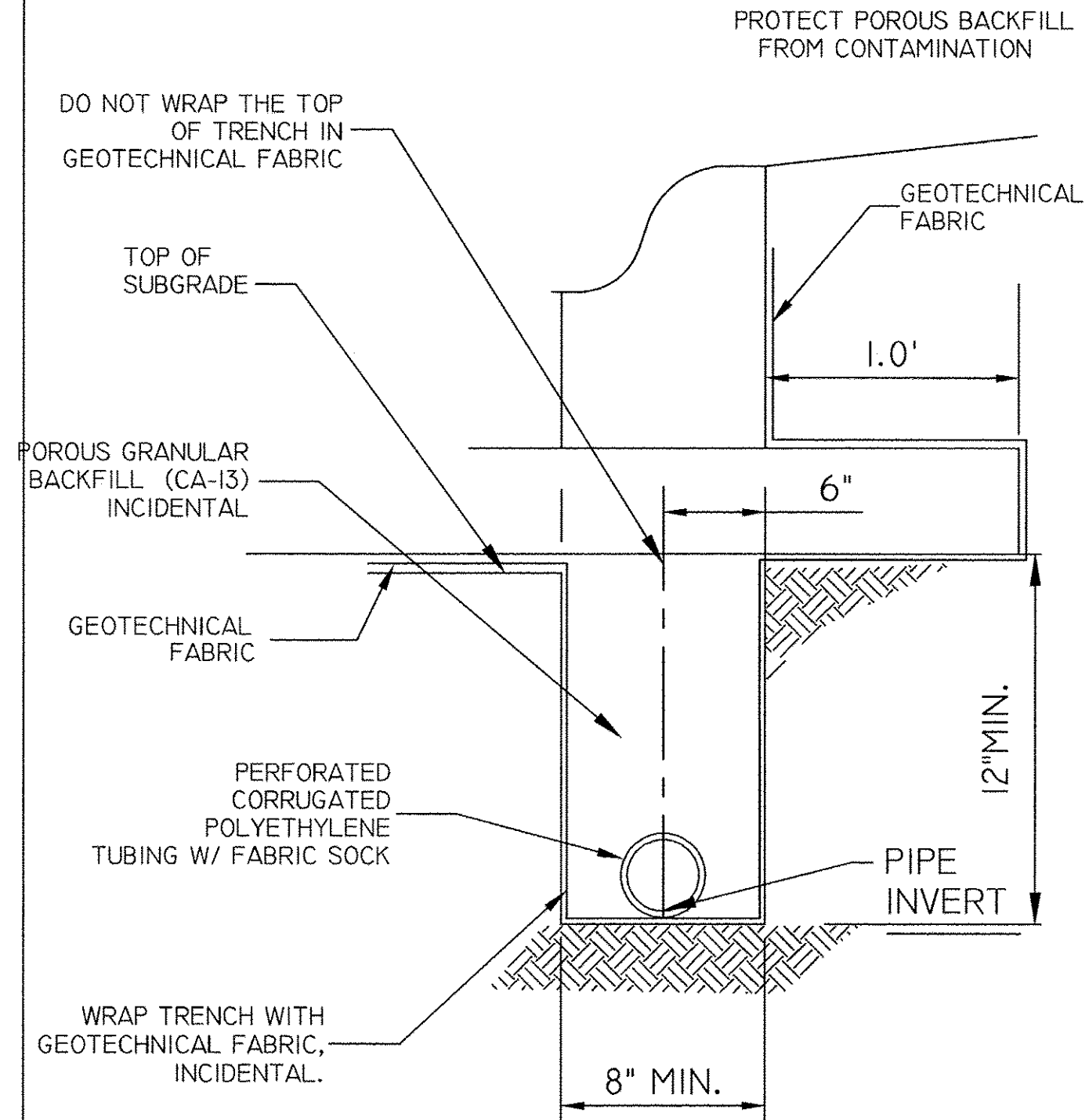
Rock Island, IL (309) 788-7644  
Bettendorf, IA (563) 344-0280  
DeKalb, IL (815) 985-6400  
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2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
CITY OF MOLINE DETAILS (2)

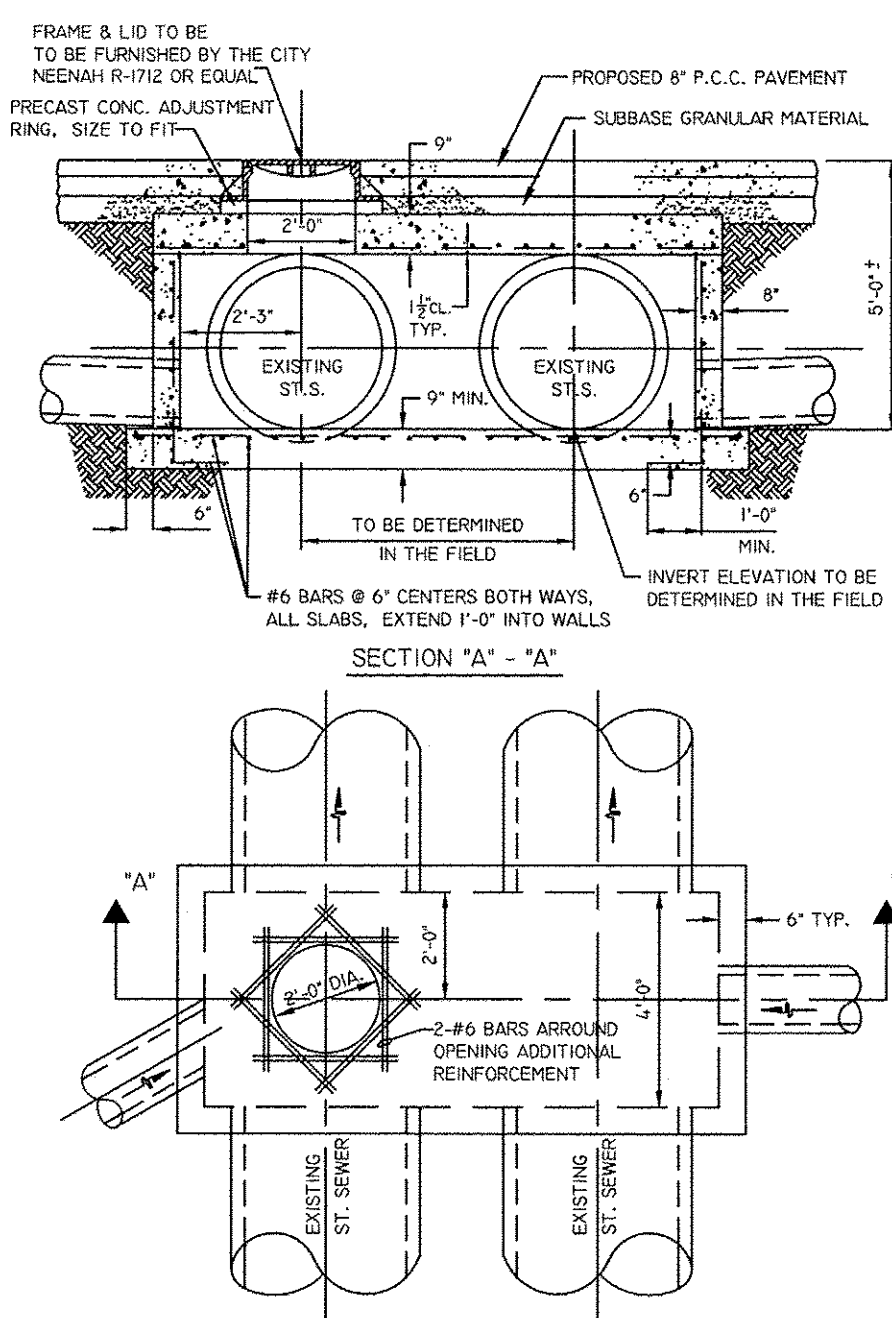
Missman Project No: B16M001  
File Name: B16M001-MOLINE DETAILS -  
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Field Book No:  
Drawn By: MAP  
Checked By: BSL  
Date: 04/20/2017



PIPE UNDERDRAIN DETAIL  
 DATE 12/05 CITY OF MOLINE STANDARD #26

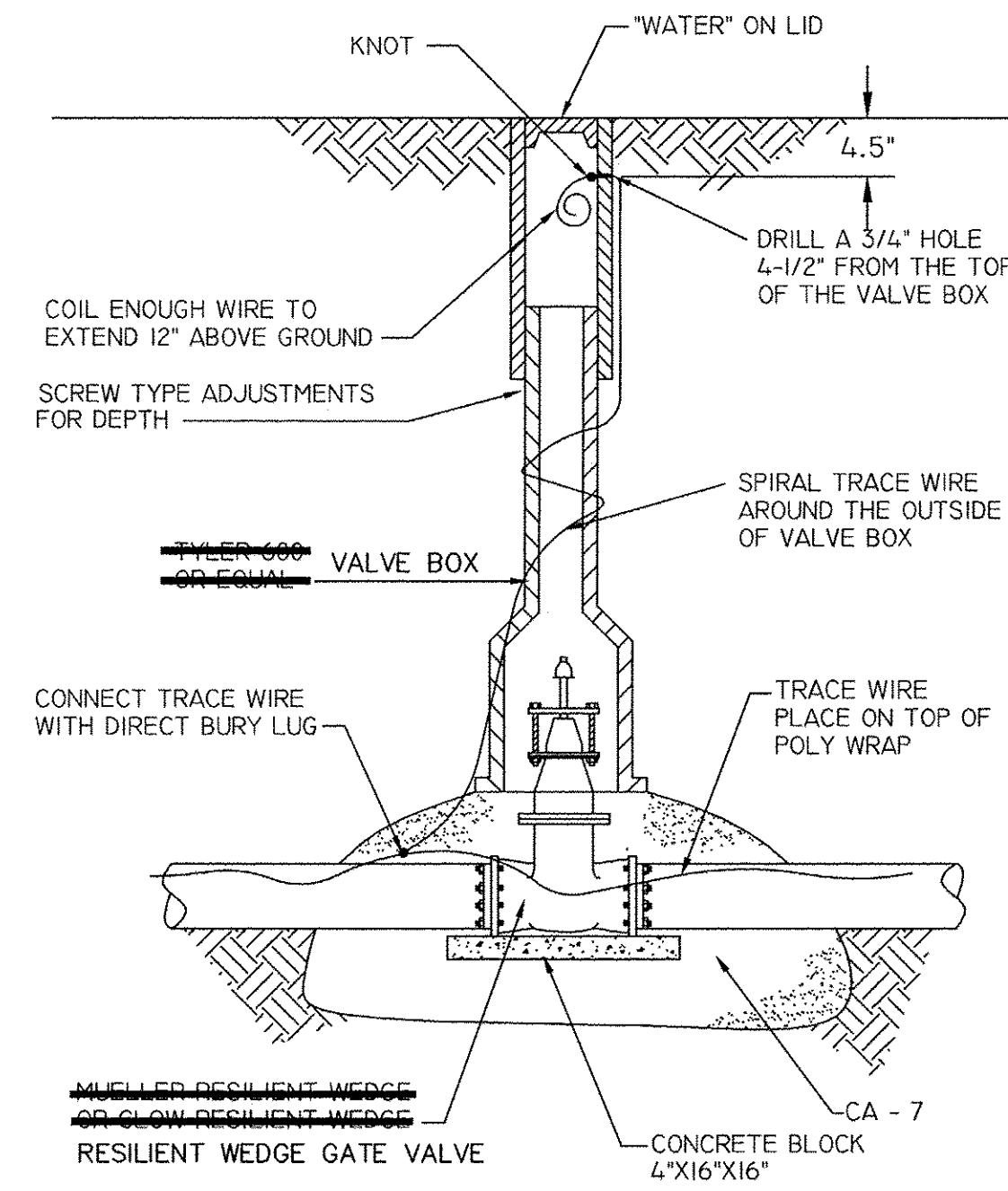


PIPE UNDERDRAIN DETAIL  
 DATE 01/17 CITY OF MOLINE STANDARD #27

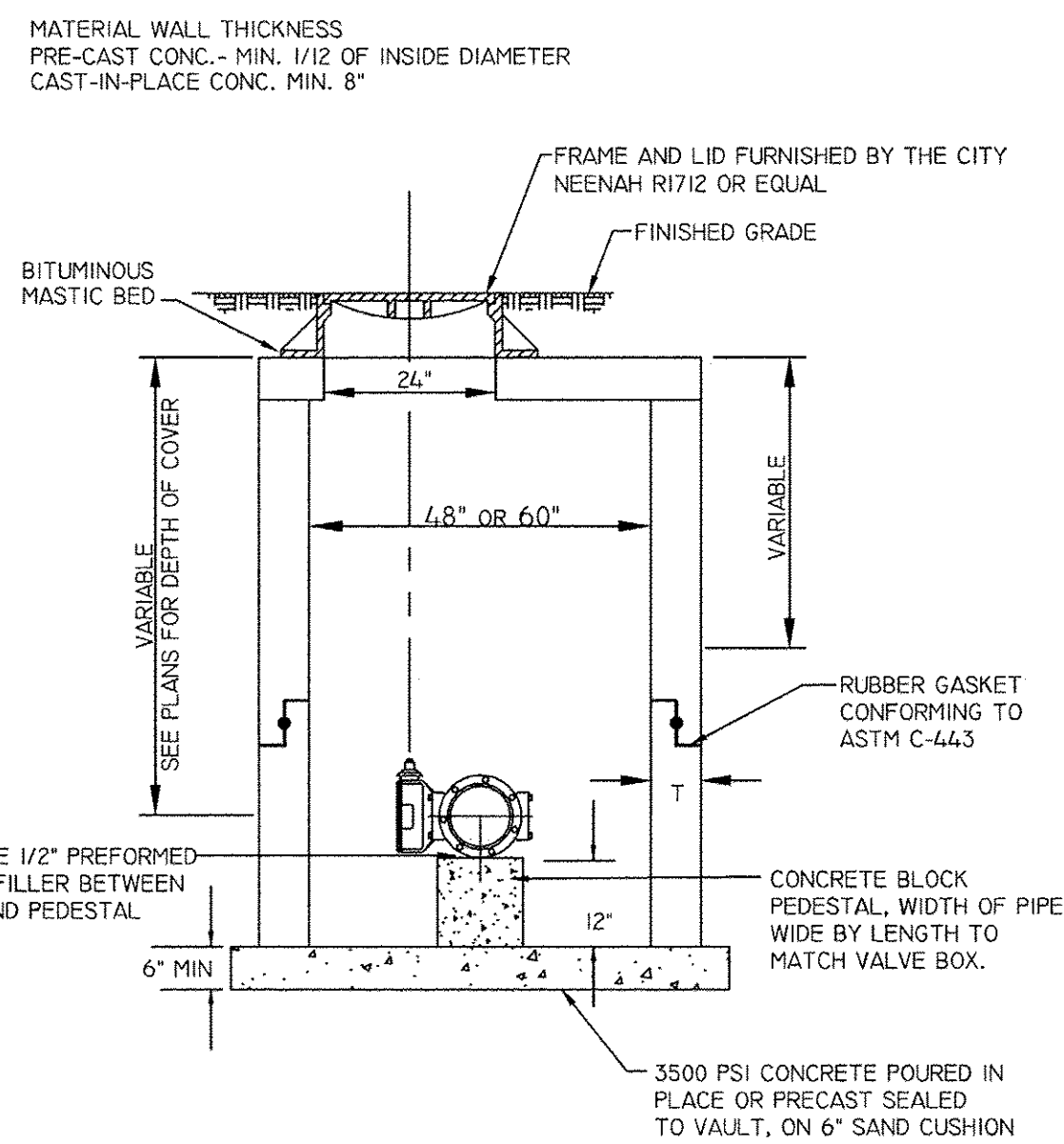


NOTE:  
 ALL REINFORCING BARS SHALL BE EPOXY COATED.  
 FRAME AND LID TO BE FURNISHED BY THE CITY.

STORM VAULT STRUCTURE  
 DATE 01/17 CITY OF MOLINE STANDARD #29

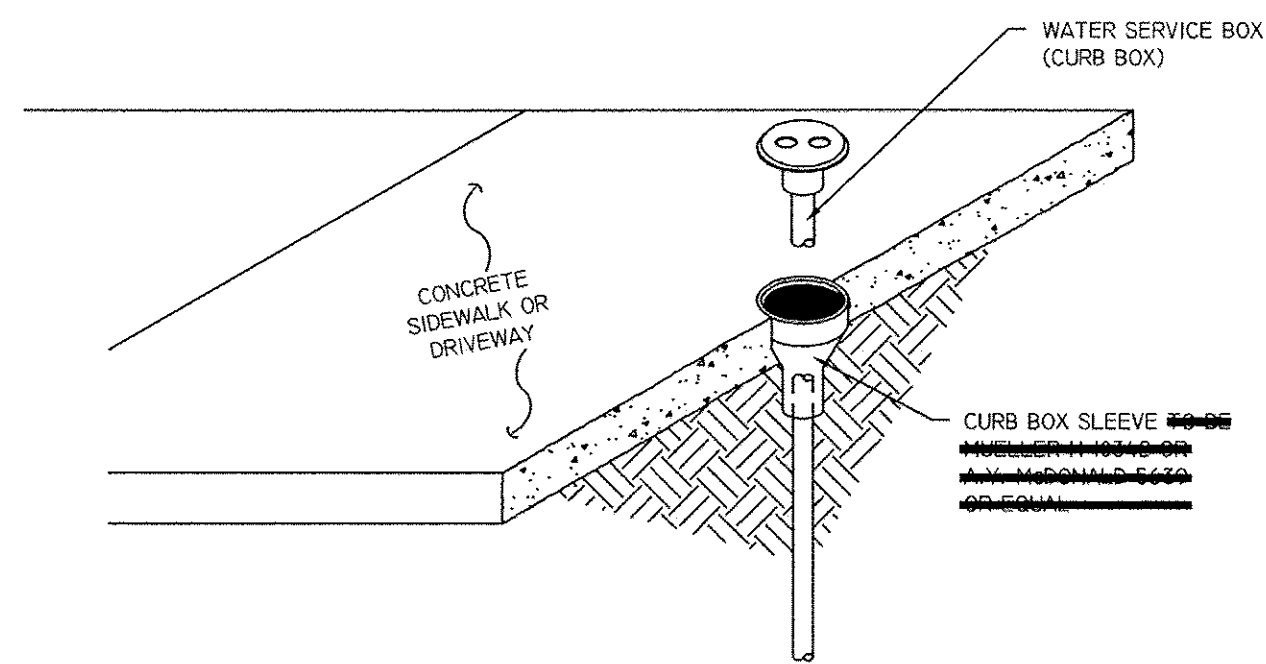


GATE VALVE BOX INSTALLATION  
 DATE 1/10 CITY OF MOLINE STANDARD #30



NOTE:  
 VALVE VAULT DIA. SHALL BE 48" FOR 8" OR LESS VALVES AND 60" FOR LARGER VALVES  
 FRAMES AND LIDS FURNISHED BY THE CITY  
 FRAMES AND LIDS SHALL BE LOCATED OVER CENTER OF OPERATING NJT

TYPICAL VALVE VAULT DETAIL  
 DATE 01/17 CITY OF MOLINE STANDARD #31



CURB BOX AND SLEEVE  
 DATE 10/95 CITY OF MOLINE STANDARD #36

NO.	REVISIONS	DESCRIPTION	DATE

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2017 MOLINE RESURFACING  
 MOLINE, ILLINOIS  
 CITY OF MOLINE DETAILS (3)

Missman Project No: B16M001  
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 Date: 04/20/2017

# CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED

## (DETAILS FOR CURB & GUTTER REPLACEMENT)

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 1-1/2 IN DIAMETER AND 9 DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 1-1/4 X 18 SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

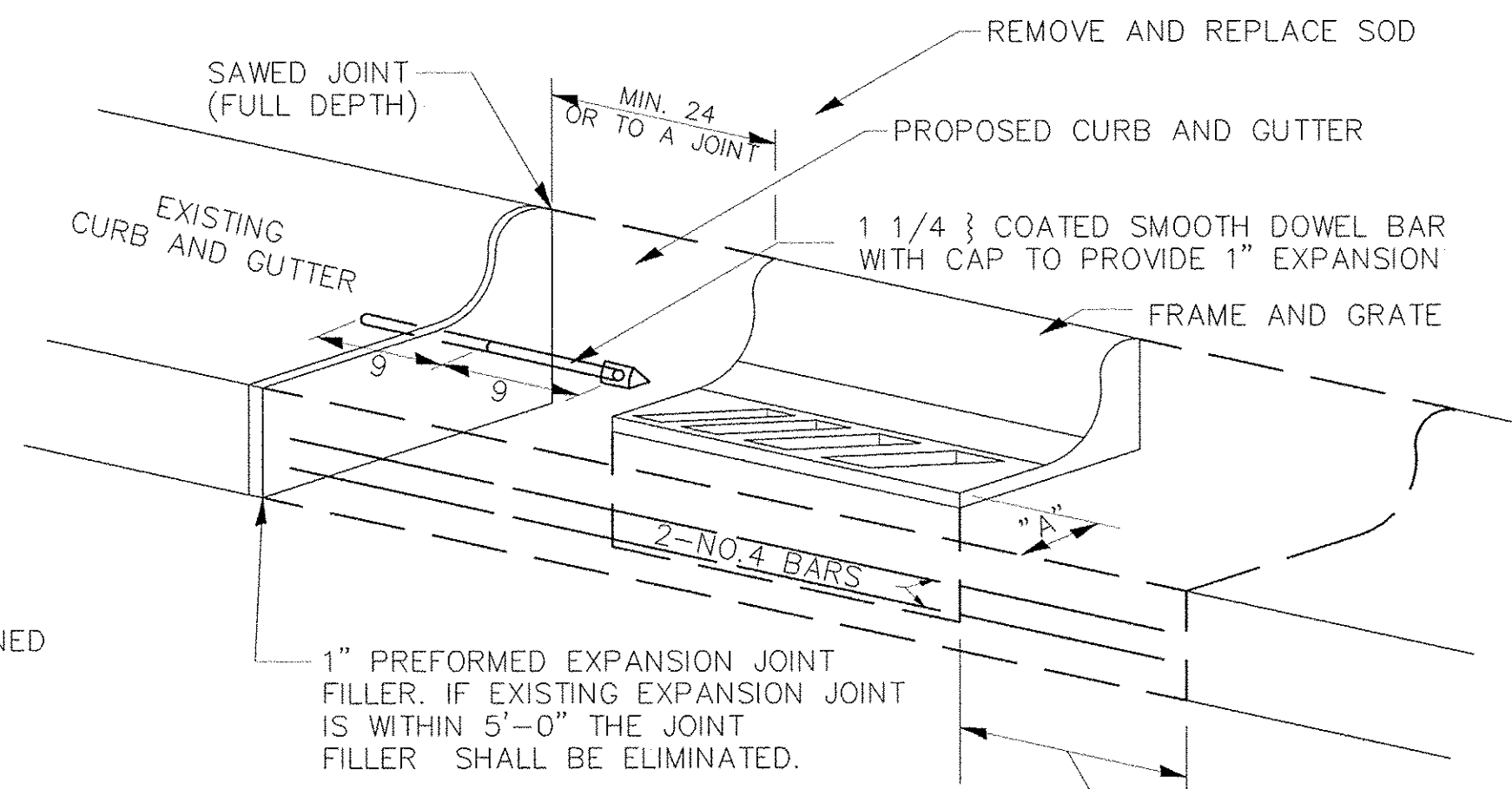
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS AND INCLUDES THE REMOVAL AND REPLACEMENT OF SOD, CONCRETE PAVEMENT AND/OR CURB AND GUTTER ADJACENT TO CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AND SHALL BE INCLUDED IN THE PAY ITEM OF CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AS SPECIFIED.

REVISED — 9-30-11



WHEN "A" IS GREATER THAN 5'-0" THE JOINT FILLER SHALL BE ELIMINATED.

SAME REPAIR AS INDICATED ON OTHER SIDE OF FRAME AND GRATE.

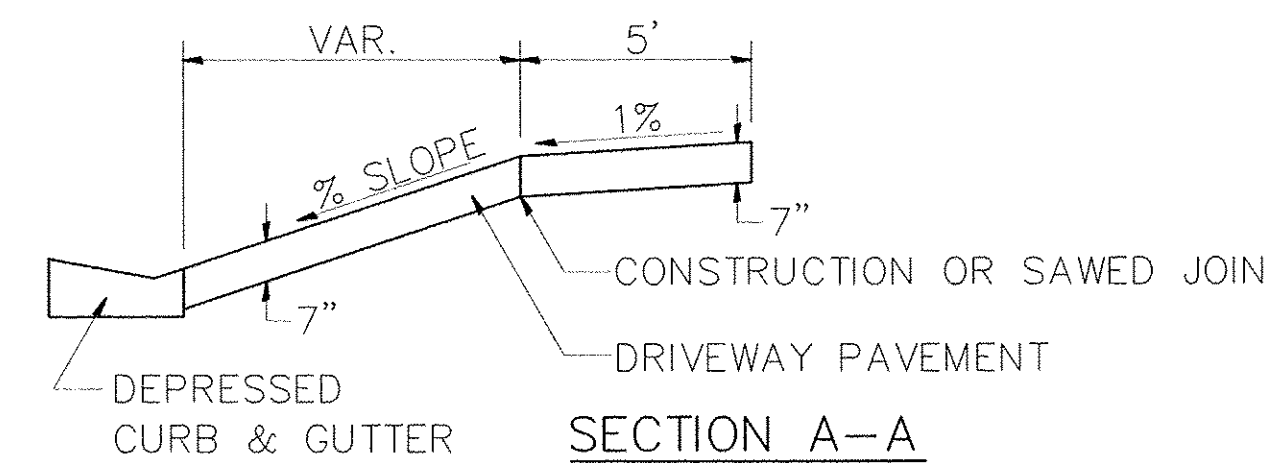
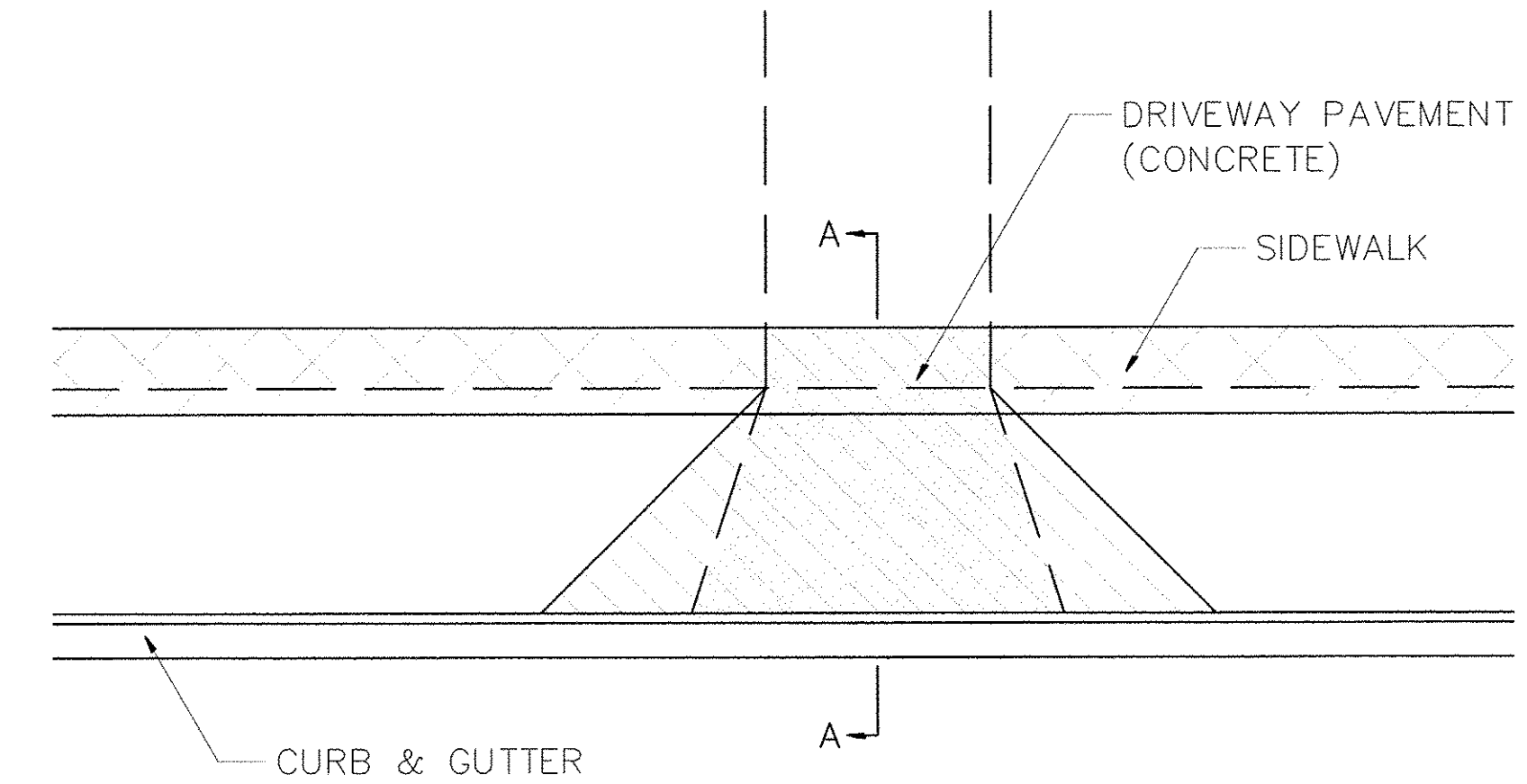
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED 17.4

# SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

PAY FOR AS

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PCC SIDEWALK 5
- PCC DRIVEWAY PAVEMENT 7



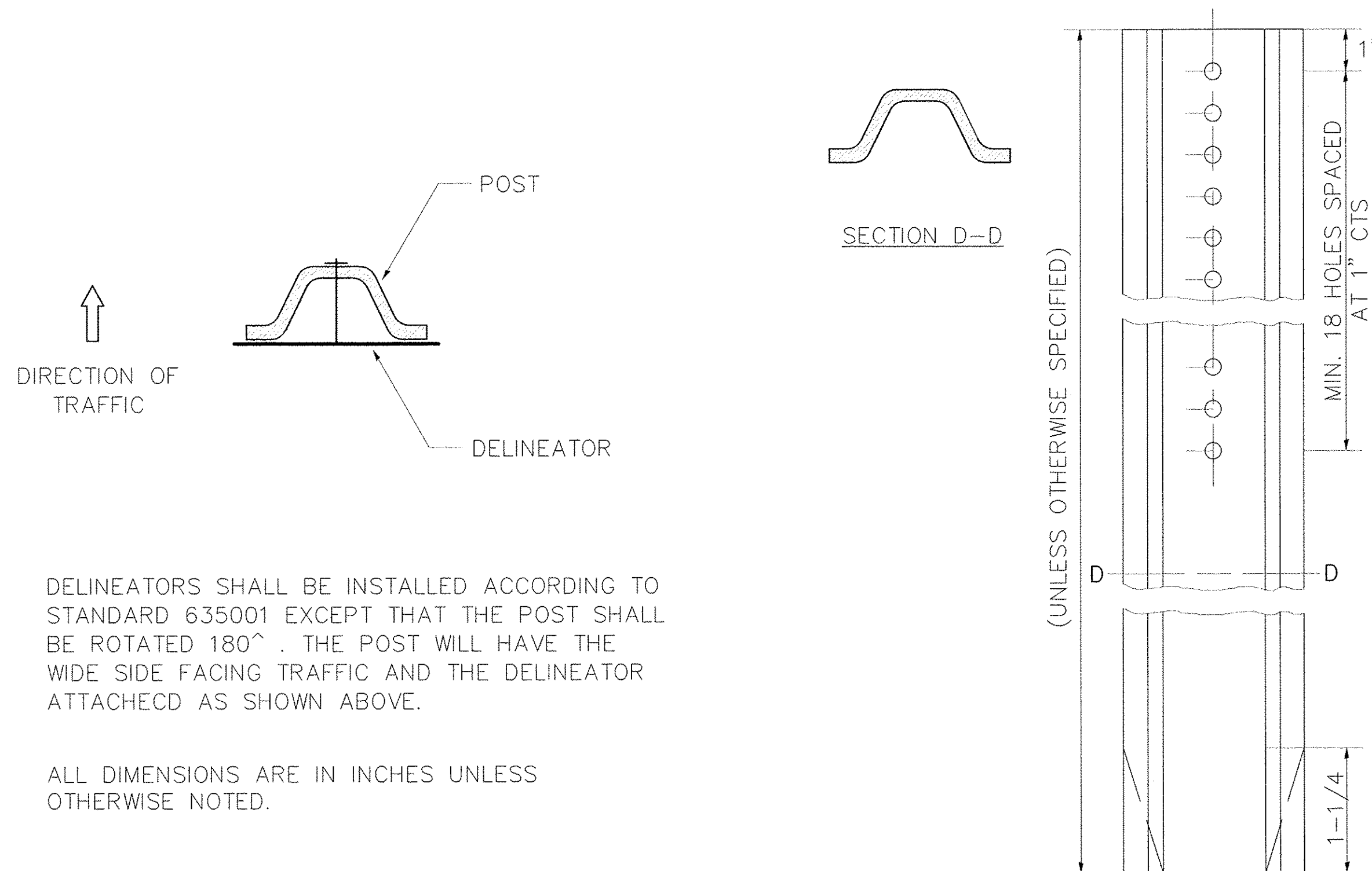
FOR DETAILS ON DIMENSIONS AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED — 6-27-14  
REVISED — 10-03-11

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS 35.4

# DELINEATOR AND POST ORIENTATION



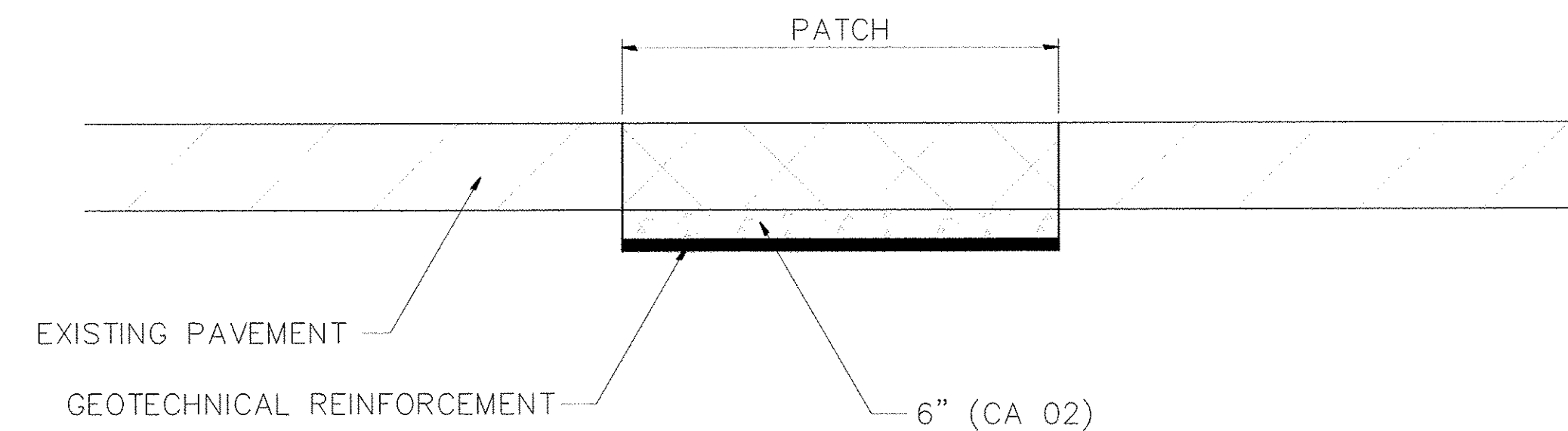
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED — 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

# SUBGRADE REPLACEMENT



NOTES:

THE CA 02 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED — 3-13-13

SUBGRADE REPLACEMENT 97.4

REVISIONS	DESCRIPTION	DATE
No.		

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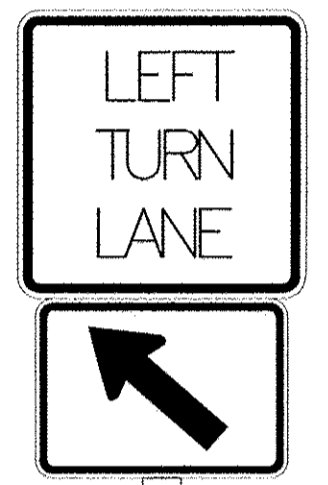
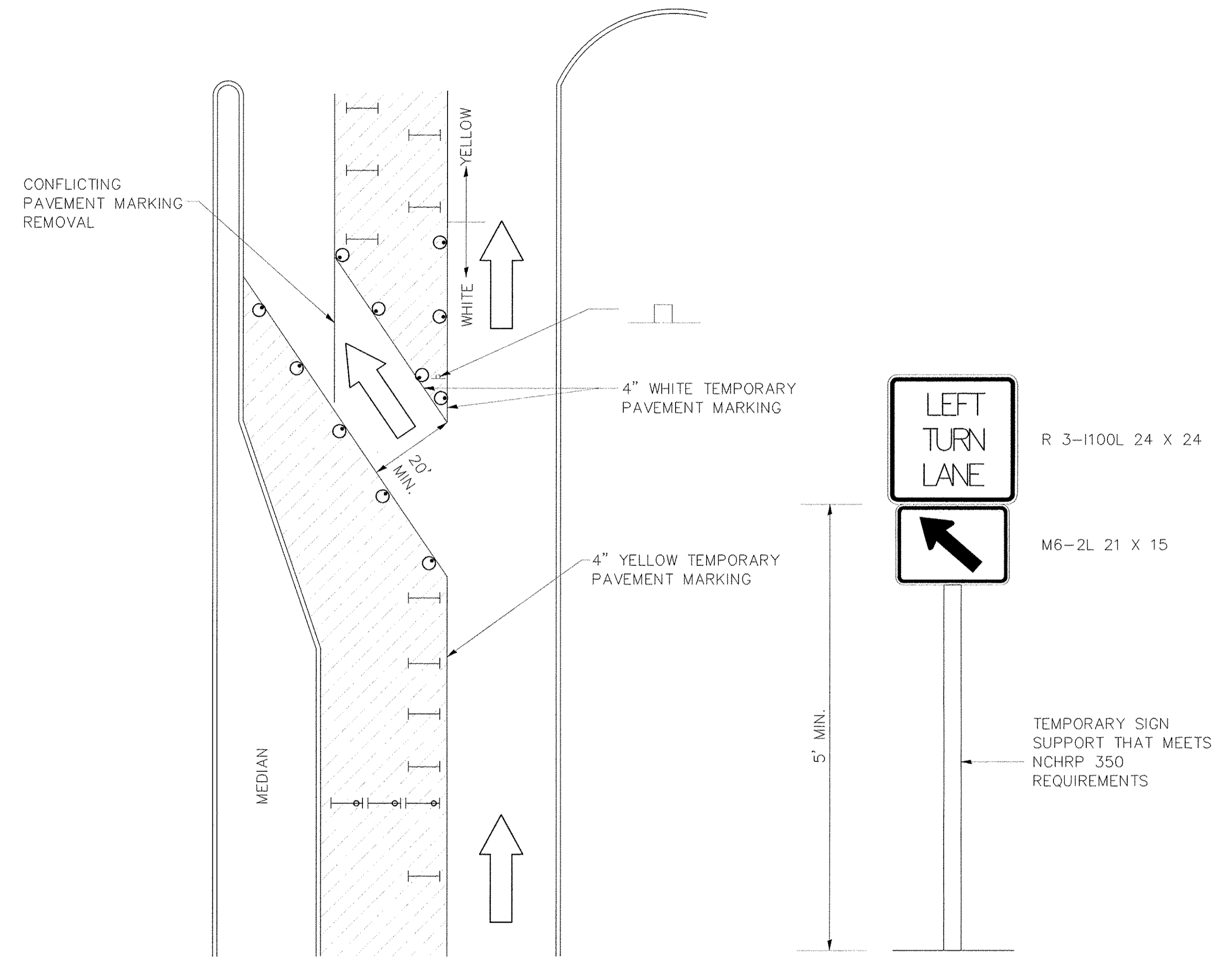
2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS

Missman Project No:  
B16M001

File Name:  
B16M001-DISTRICT DETAILS -  
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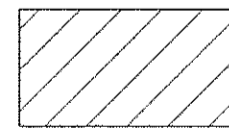
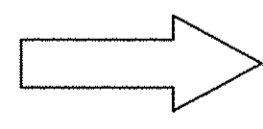

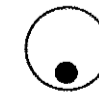


# TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



R 3-1100L 24 X 24  
M6-2L 21 X 15

TEMPORARY SIGN SUPPORT THAT MEETS NCHRP 350 REQUIREMENTS

## LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT
-  DRUM OR BARRICADE WITH STEADY BURN LIGHT
-  SIGN (SEE DETAIL)
-  TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN

## GENERAL NOTES

- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 IN HEIGHT.
- STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.
- TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
- THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED -- 10-14-11

No.	REVISIONS DESCRIPTION	DATE

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2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (2)

Missman Project No:  
B16M001

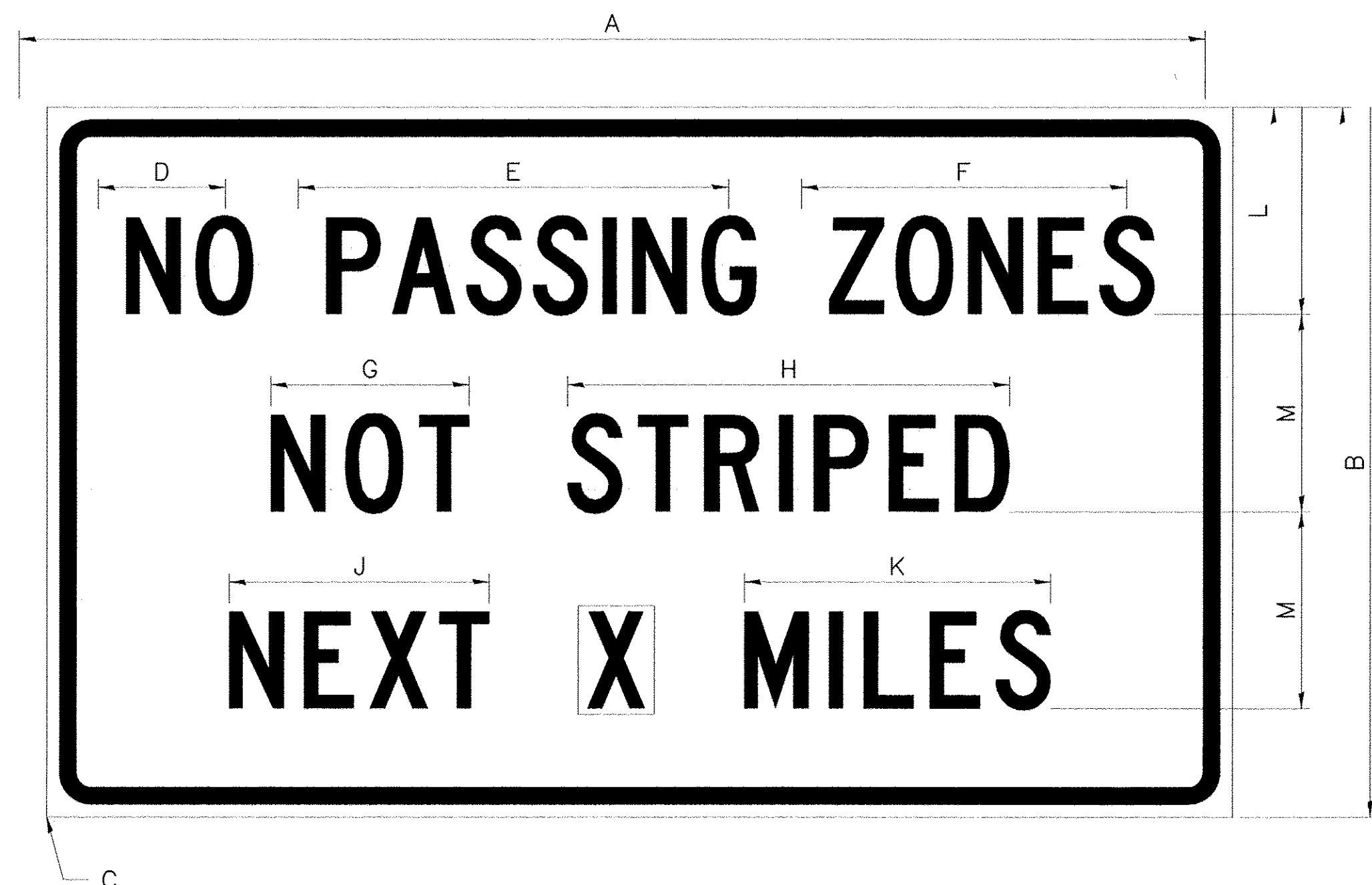
File Name:  
B16M001-DISTRICT DETAILS -  
Drive Drive.dwg  
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Field Book No:  
Drawn By: MAP  
Checked By: BSL  
Date: 04/20/2017



# WORK ZONE SIGN DETAILS

## ILLINOIS STANDARD G20-I100



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

### GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

## ILLINOIS STANDARD W8-I107



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS									
	A	B	C	D	E	F	G	H	J	
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00	

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED =	REVISED = 3-02-16
		DRAWN =	REVISED =
	PLOT SCALE = 3.0909" / in.	CHECKED =	REVISED =
	PLOT DATE = 1/18/2017	DATE =	REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.

REVISIONS	DESCRIPTION	DATE
No.		

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2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (3)

Missman Project No:  
B16M001

File Name:  
B16M001-DISTRICT DETAILS -  
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Field Book No:

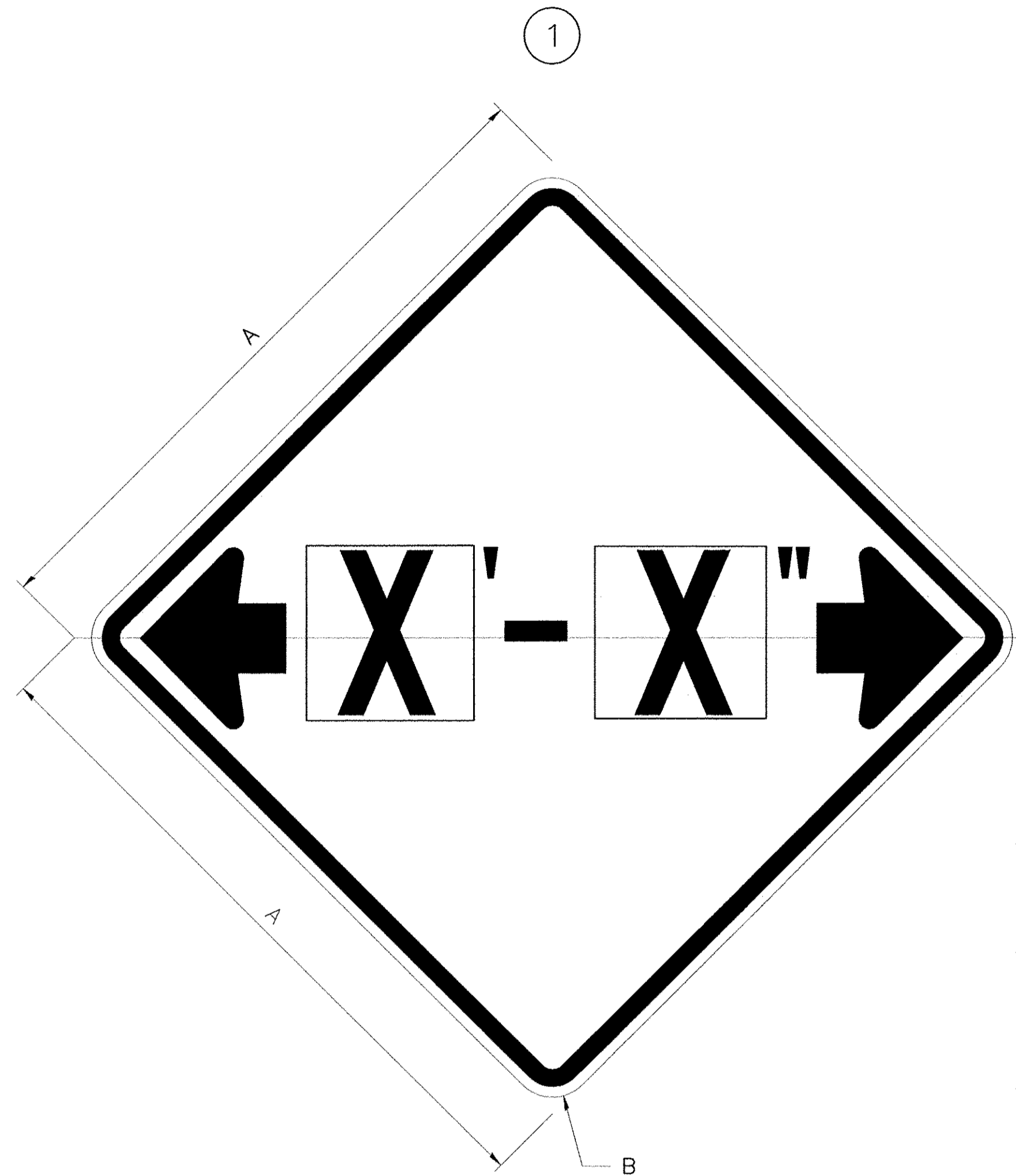
Drawn By: MAP

Checked By: BSL

Date: 04/20/2017

# WORK ZONE SIGN DETAILS

## ILLINOIS STANDARD W12-I102



### GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

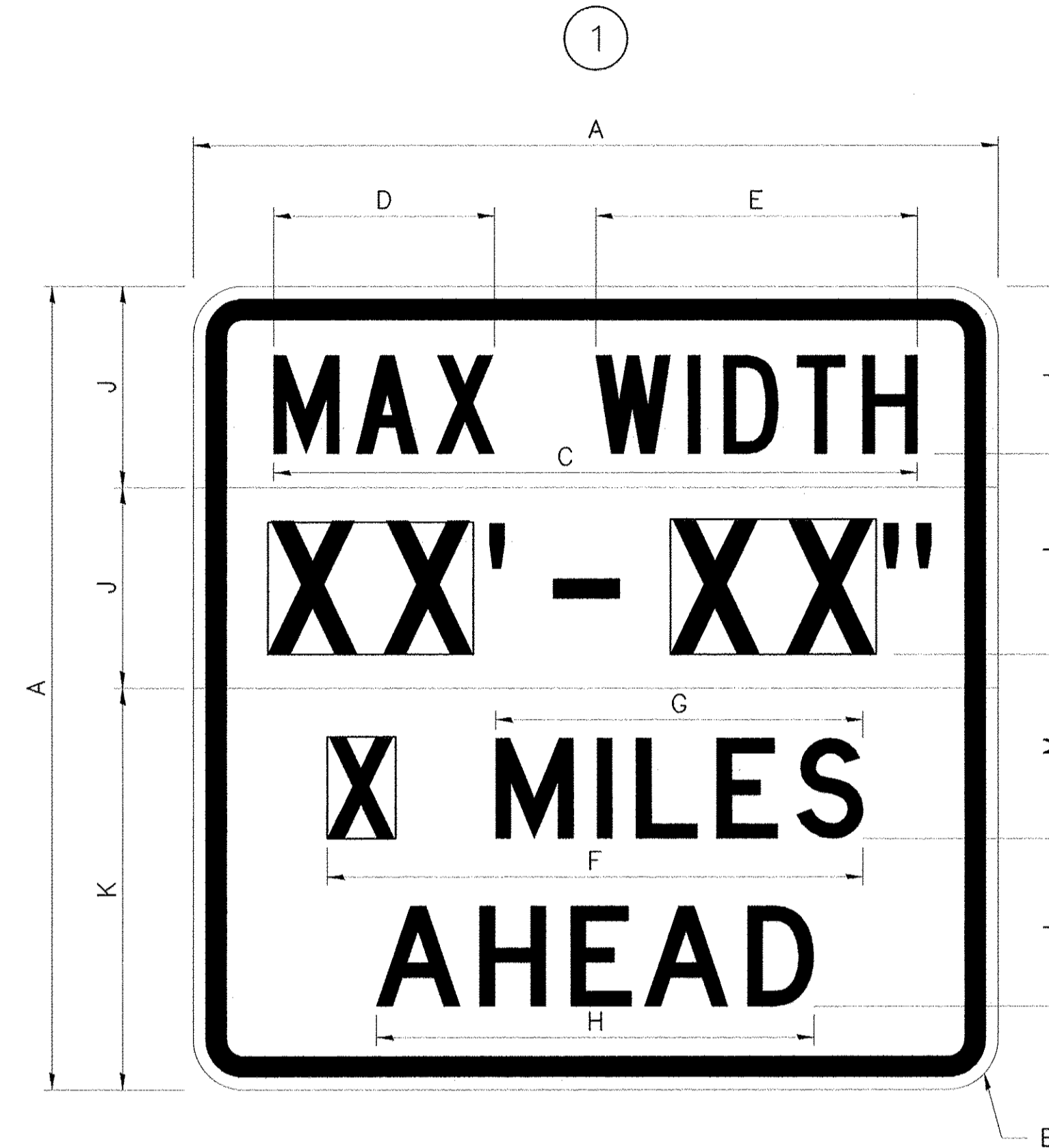
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

① Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE		MARGIN	BORDER
	1			
48 x 48	12C		0.750	1.250

Sign not to scale

## ILLINOIS STANDARD W12-I103



COLOR LEGEND AND BORDER BACKGROUND (WIDTH) BLACK WHITE FL ORANGE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME = District 2 Standard	USER NAME = ID01/District 2	DESIGNED -	REVISED - 3-02-16
		DRAWN -	REVISED -
	PLOT SCALE = 3.0909' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/18/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

REVISIONS	DESCRIPTION	DATE
No.		

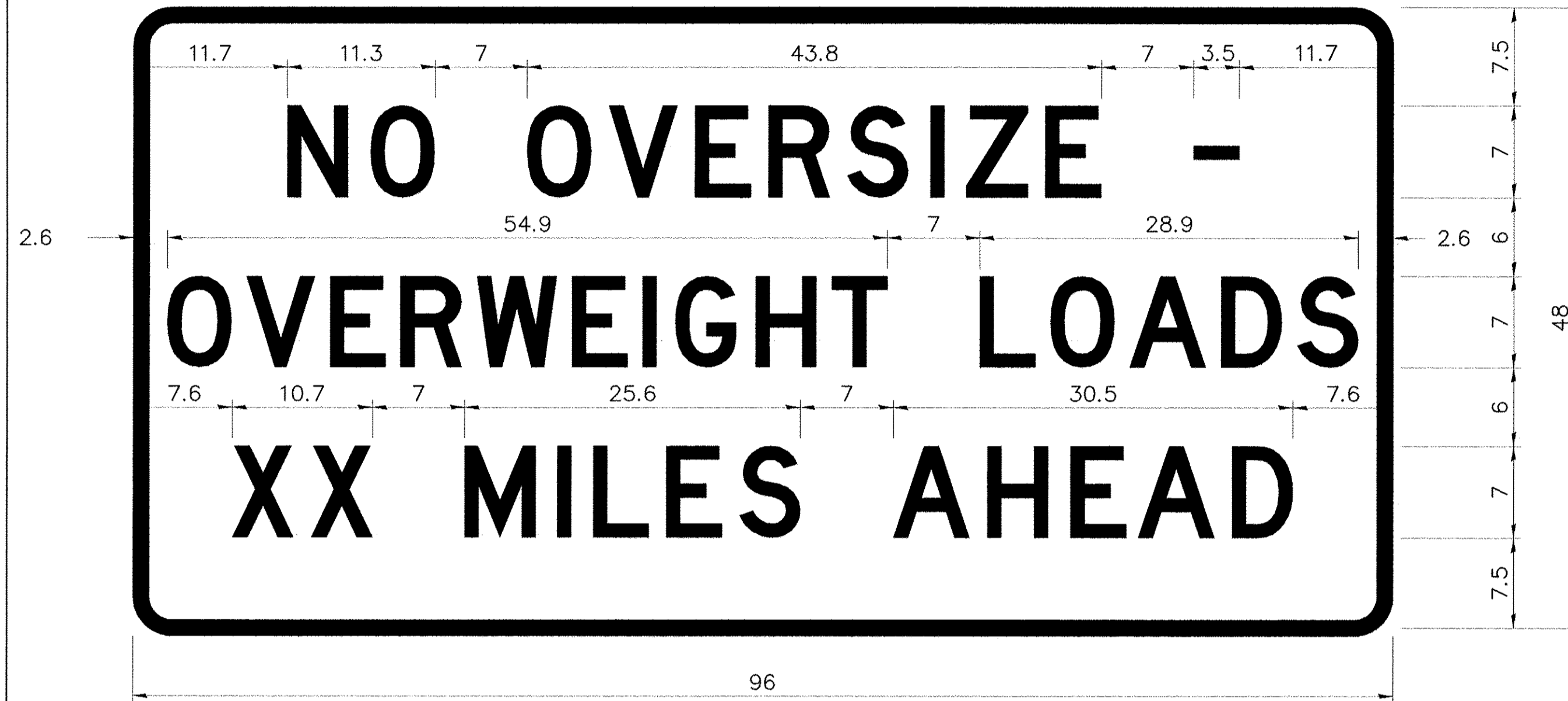
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2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
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File Name: B16M001-DISTRICT DETAILS - River Drive  
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# WORK ZONE SIGN DETAILS

## ROAD CLOSED TO OVERSIZED LOADS



## STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
-------	------------------------------	--------------	---------------------------------

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border; [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D; Table of letter and object lefts.

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	NON-REFLECTORIZED REFLECTORIZED
-------	------------------------------	-------------	---------------------------------

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

### GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME = District 2 Standard	USER NAME = ID01/District 2	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 3.0909" / in.	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO.			
	PLOT DATE = 1/18/2017	CHECKED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
		DATE -	REVISED -									

NO.	DESCRIPTION	DATE

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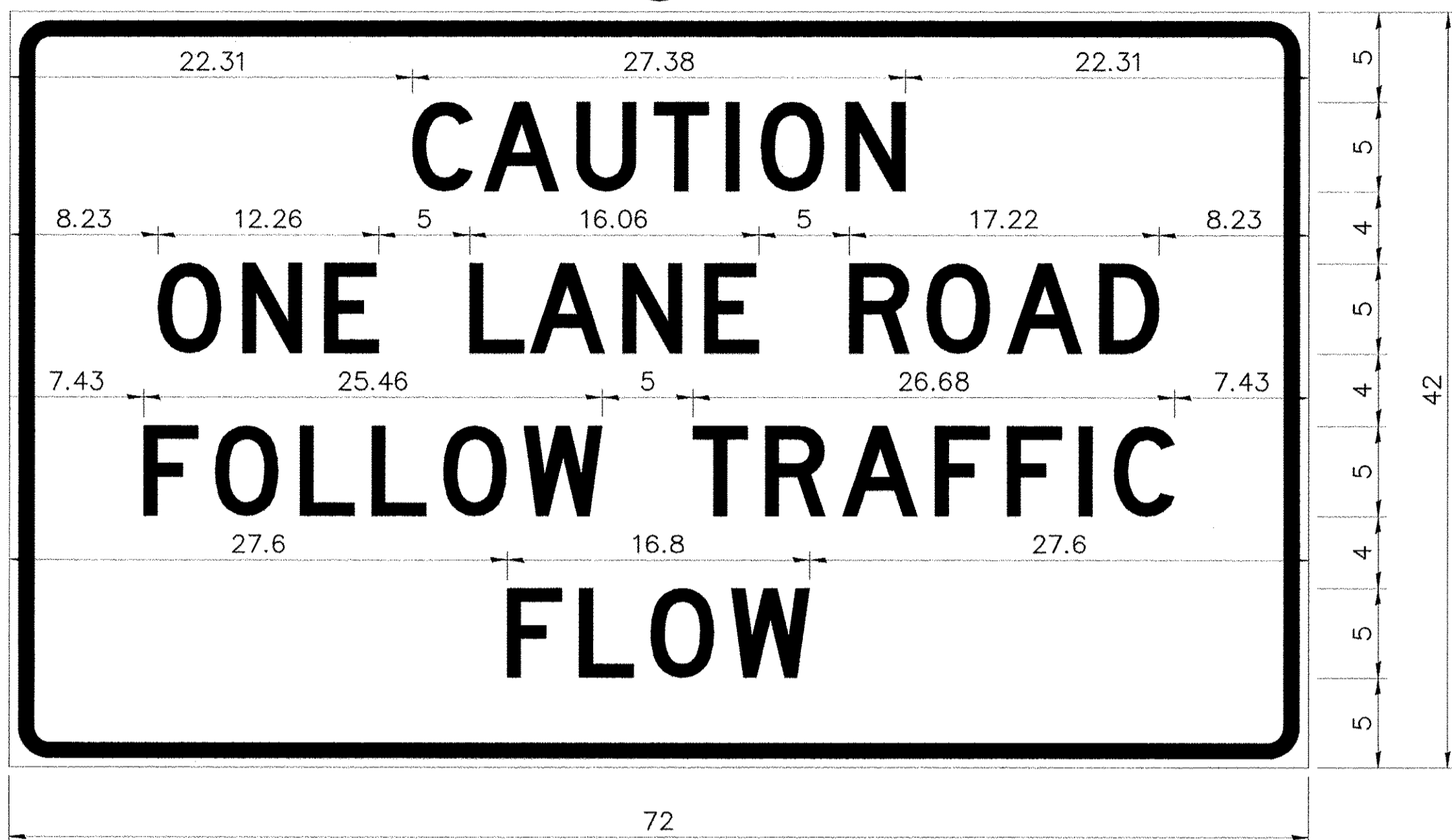
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MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (5)

Missman Project No: B16M001  
File Name: B16M001-DISTRICT DETAILS - River Drive.dwg  
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**43**  
Sheet 43 of 48

# ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS WORK ZONE SIGN DETAILS

2



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" Indent; [CAUTION] D; [ONE LANE ROAD] D; [FOLLOW TRAFFIC] D; [FLOW] D

2 This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C	3.36	0.62	A	4.18	0.94	U	3.36	0.94	T	3.04	0.94	I	0.78	1.17	O	3.52	1.17	N	3.36	22.31
8.23	O	3.51	1.17	N	3.36	1.18	E	3.04													
5.00	L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05										
5.00	R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23									
7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37				
5.00	T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
27.60	F	3.05	0.94	L	3.04	0.94	O	3.52	0.93	W	4.38	27.60									

Sign not to scale

### GENERAL NOTES

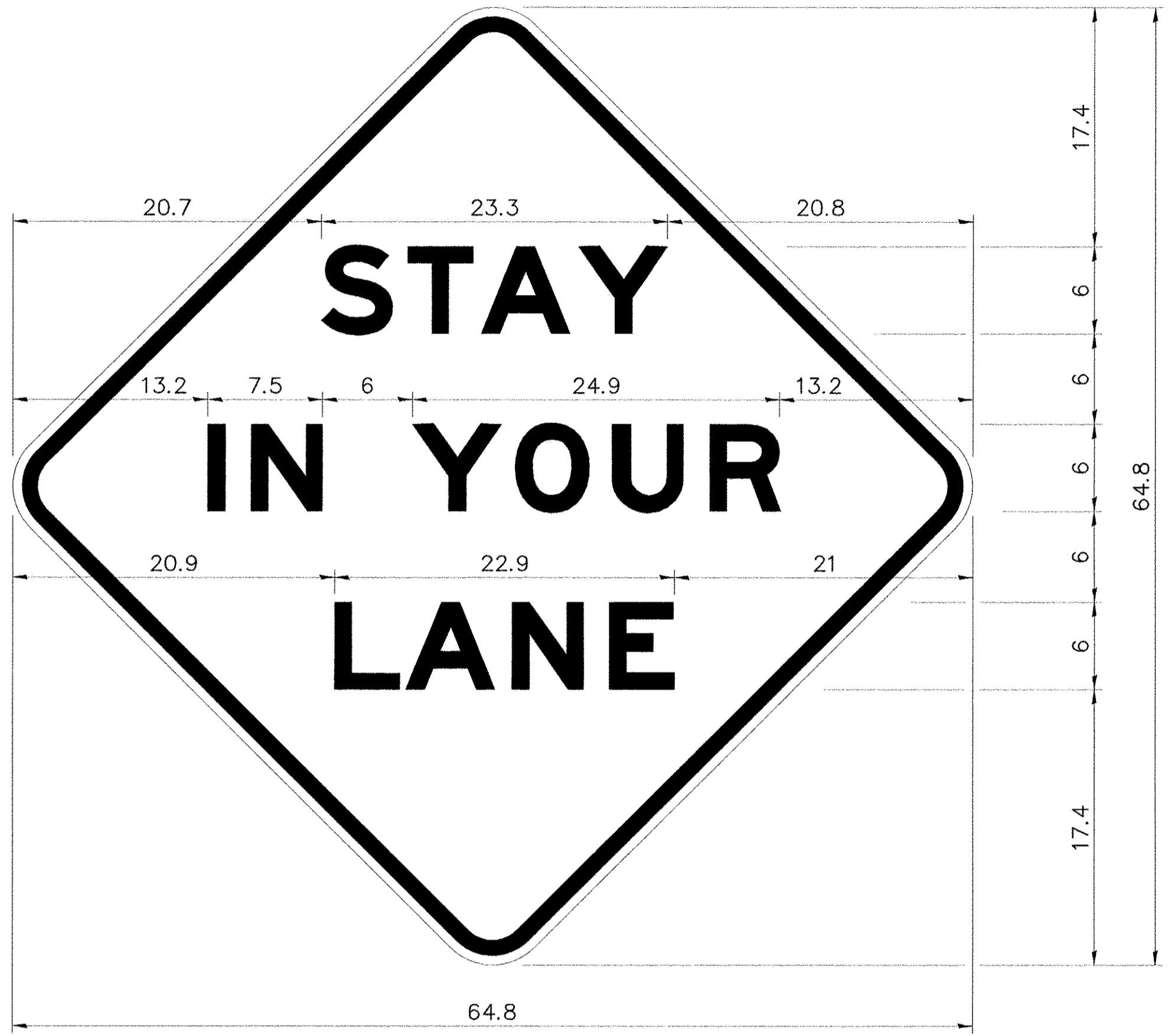
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

## STAY IN YOUR LANE



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent; "STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S	T	A	Y		
20.7	26.8	31.6	38.0		
I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8
L	A	N	E		
20.9	25.8	33.1	39.4		

Sign not to scale

REVISIONS	DESCRIPTION	DATE
No.		

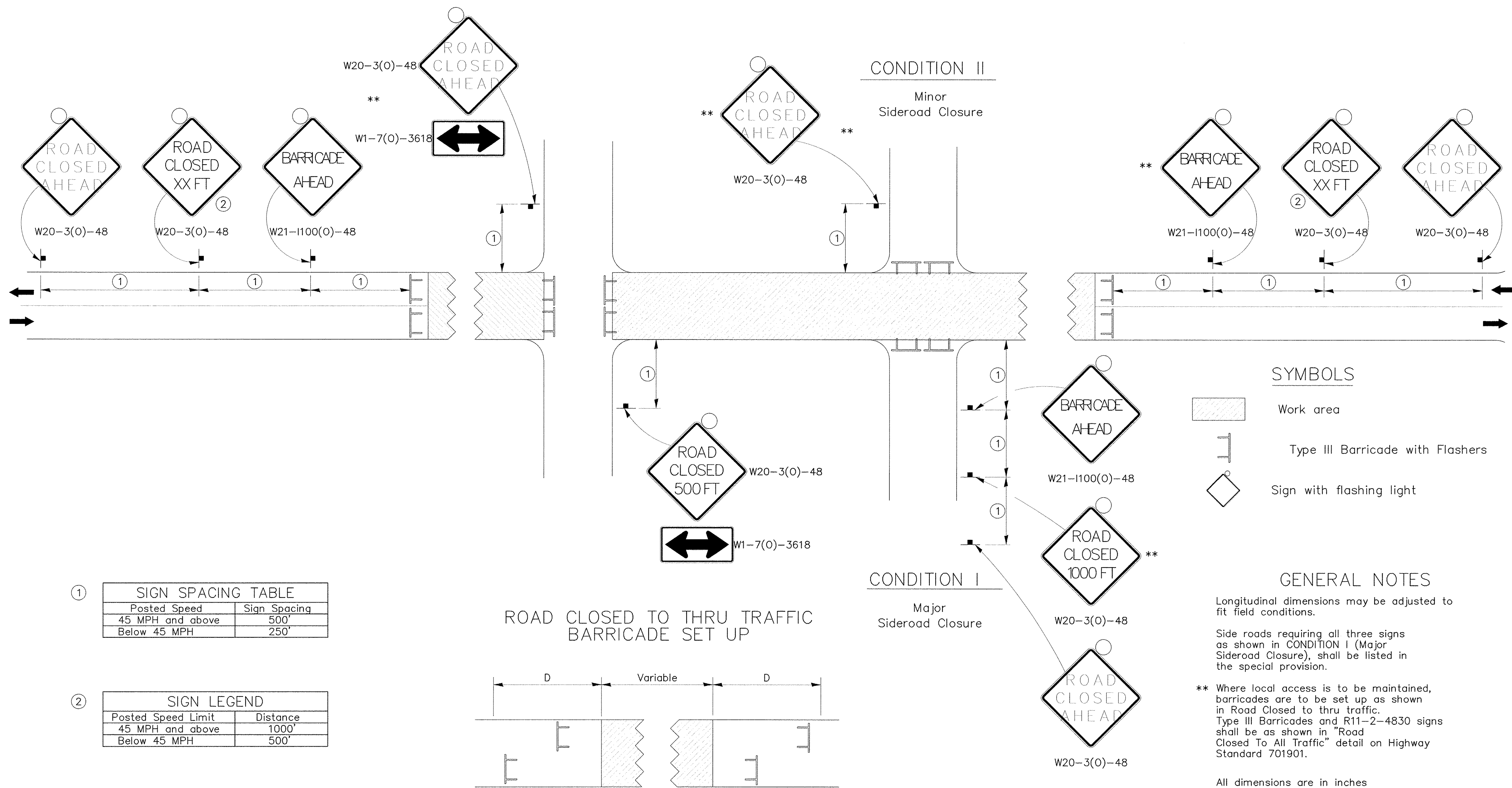
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2017 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (6)

Missman Project No: B16M001  
File Name: B16M001-DISTRICT DETAILS - River Drive.dwg  
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Drawn By: MAP  
Checked By: BSL  
Date: 04/20/2017  
**44**  
Sheet 44 of 48

# TRAFFIC CONTROL FOR ROAD CLOSURE



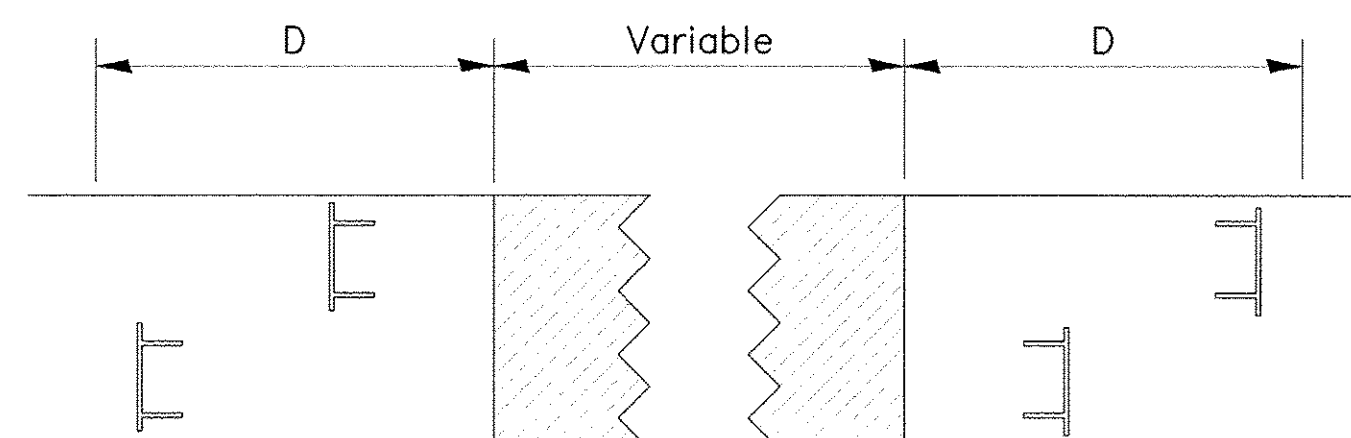
① SIGN SPACING TABLE

Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

② SIGN LEGEND

Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

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MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (7)

Missman Project No: B16M001  
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Field Book No:  
Drawn By: MAP  
Checked By: BSL  
Date: 04/20/2017

FILE NAME = District 2 Standard	USER NAME = ID01/District 2	DESIGNED =	REVISED = 1-05-16
		DRAWN =	REVISED = 8-27-13
	PLOT SCALE = 1.0000' / in.	CHECKED =	REVISED = 10-17-11
	PLOT DATE = 1/18/2017	DATE =	REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

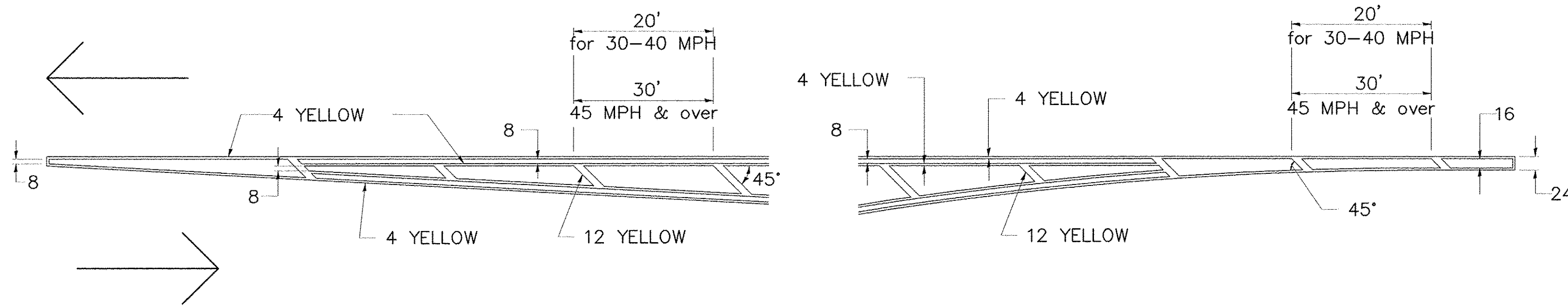
REGION 2 / DISTRICT 2 STANDARD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

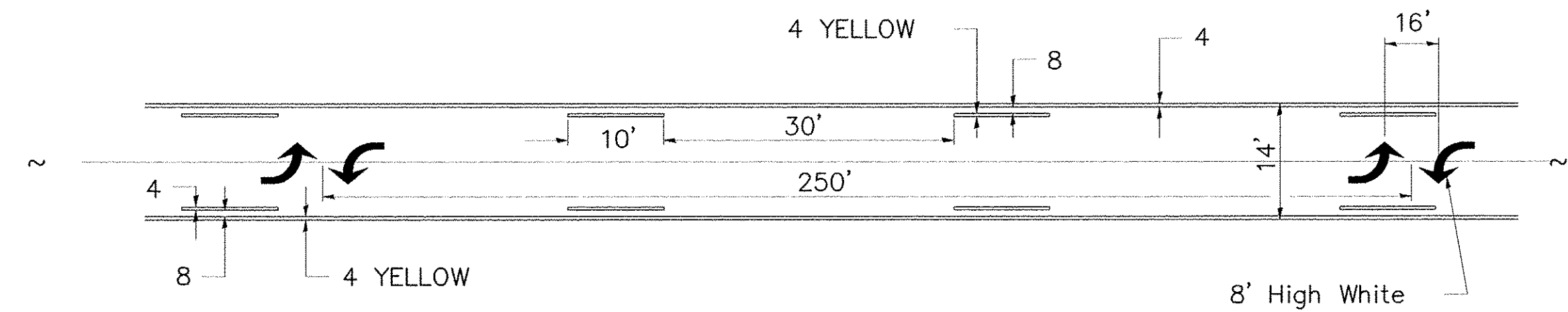
SCALE: SHEET NO. OF SHEETS STA. TO STA.

# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

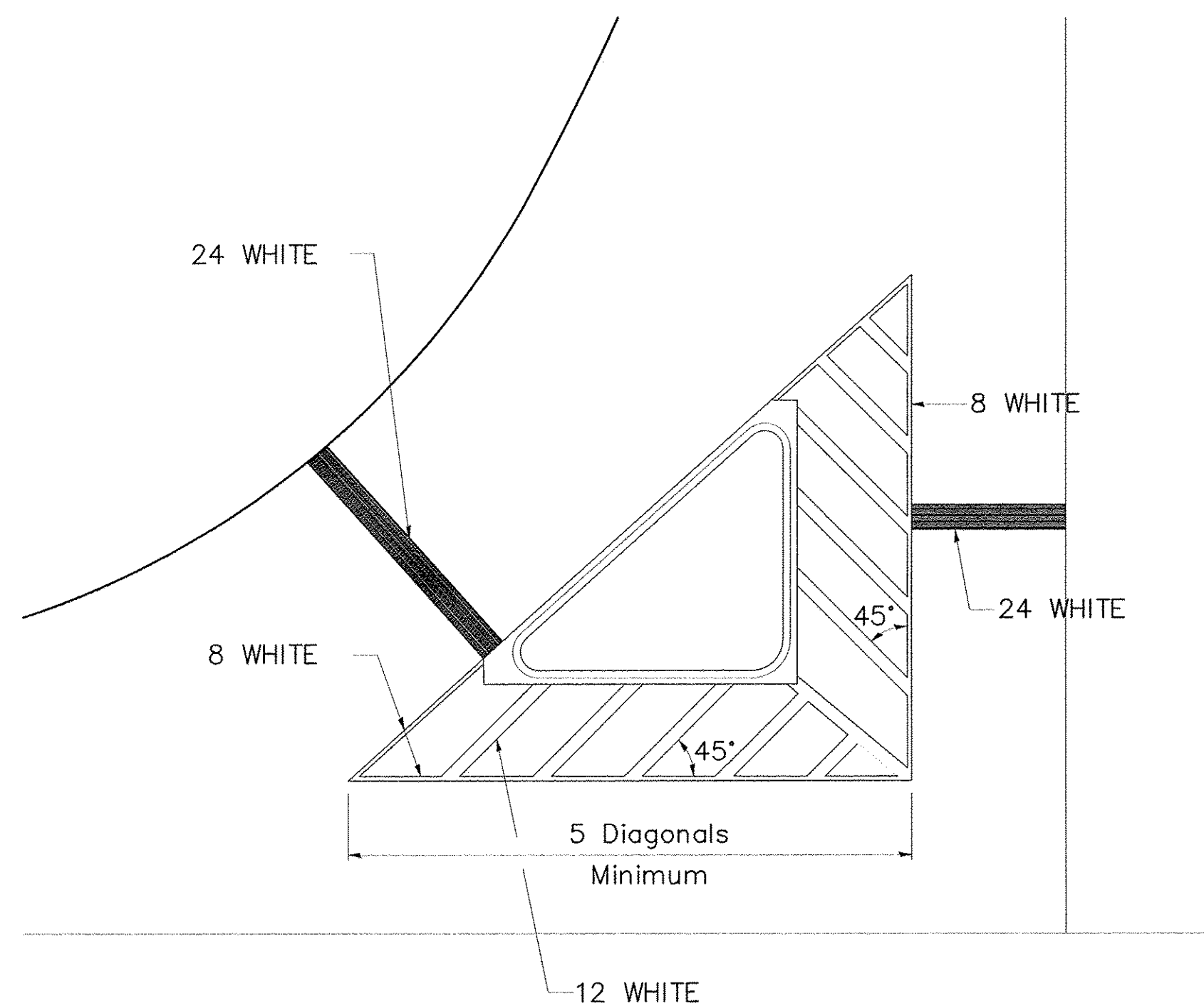


## MEDIAN PAVEMENT MARKING



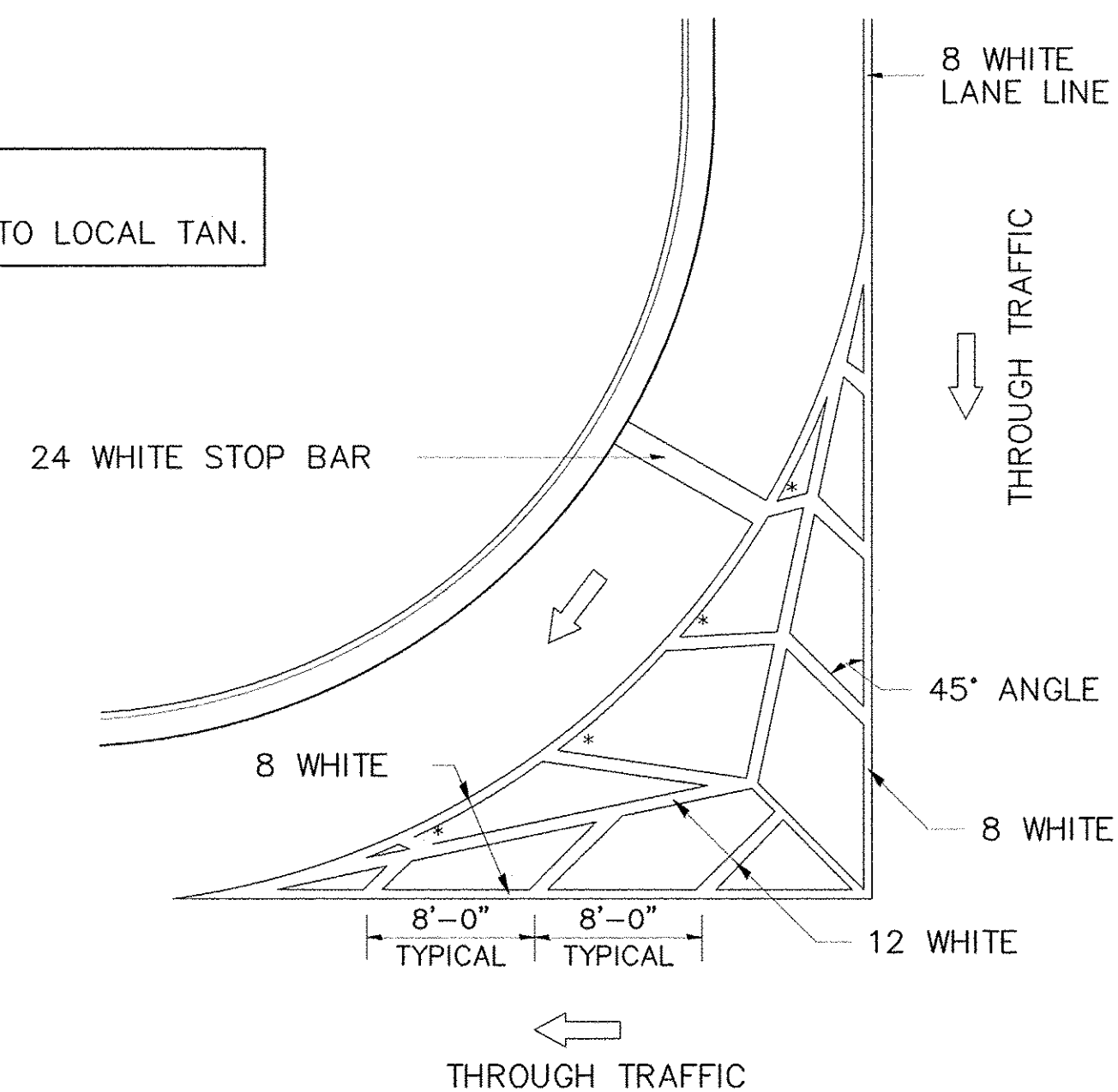
\*\* ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH



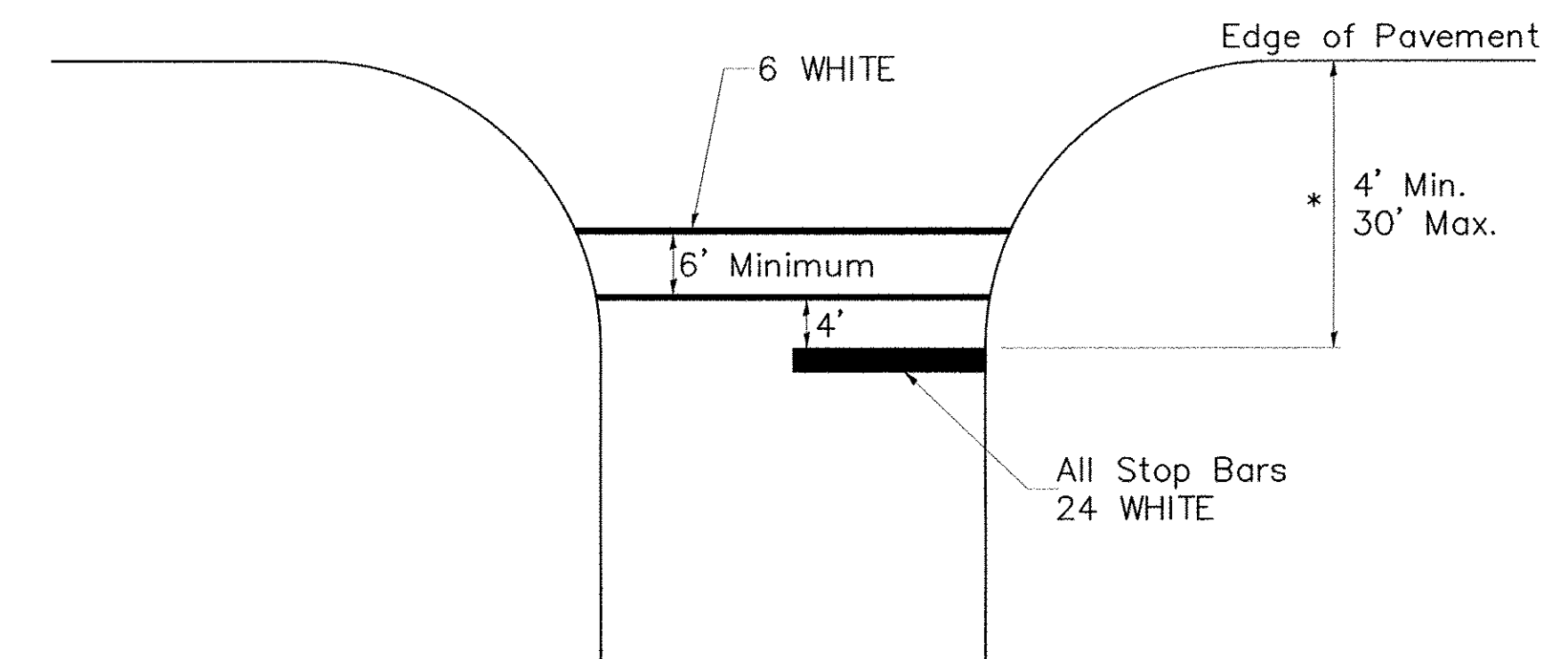
## TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:  
\* 45° TO LOCAL TAN.



## STANDARD CROSSWALK MARKING

See Schedules for Locations



\* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

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MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (8)

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Date: 04/20/2017

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED =	REVISED = 6-27-14
		DRAWN =	REVISED = 3-05-12
	PLOT SCALE = 3.0909' / in.	CHECKED =	REVISED =
	PLOT DATE = 1/18/2017	DATE =	REVISED =

STATE OF ILLINOIS  
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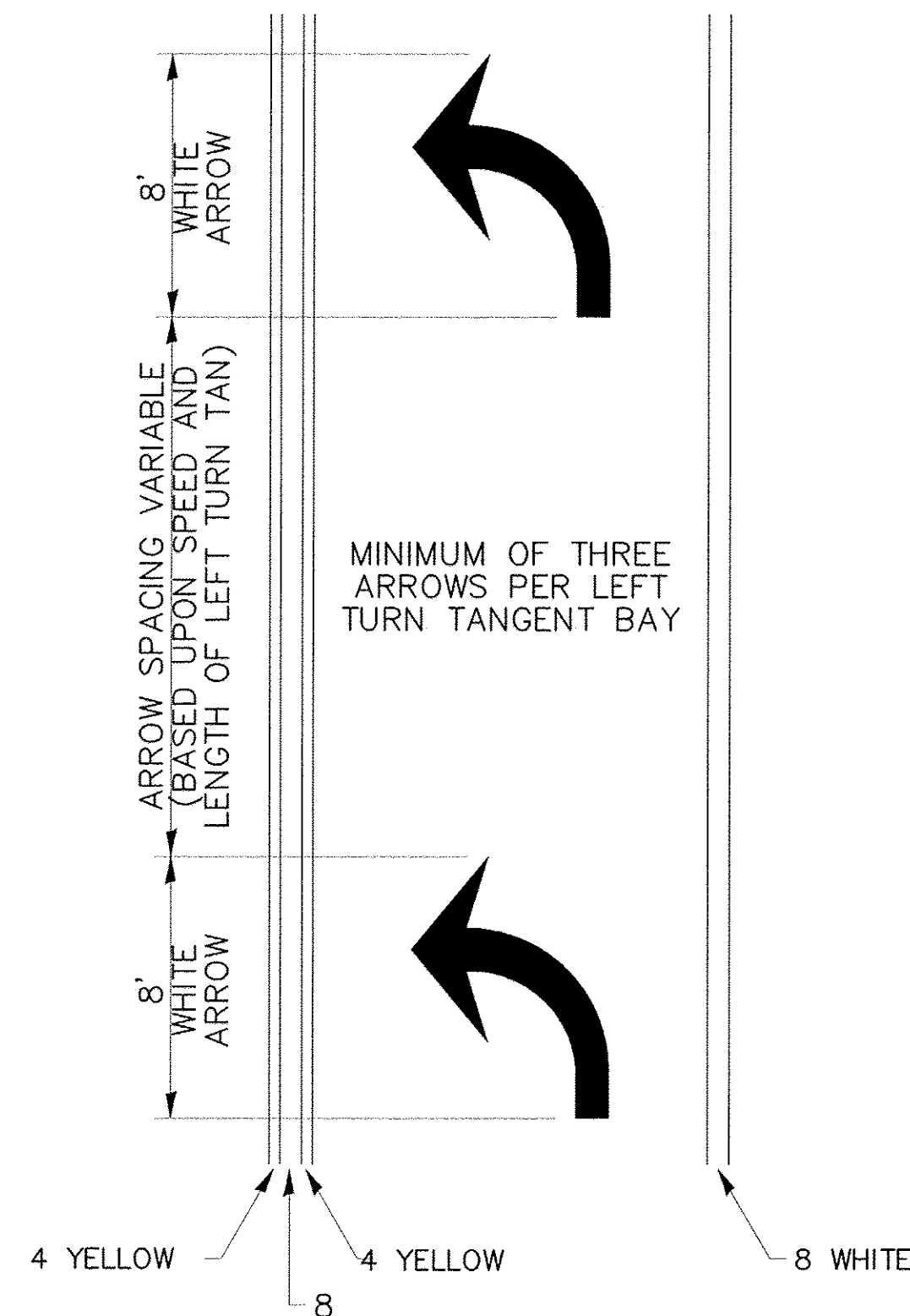
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# TYPICAL PAVEMENT MARKINGS

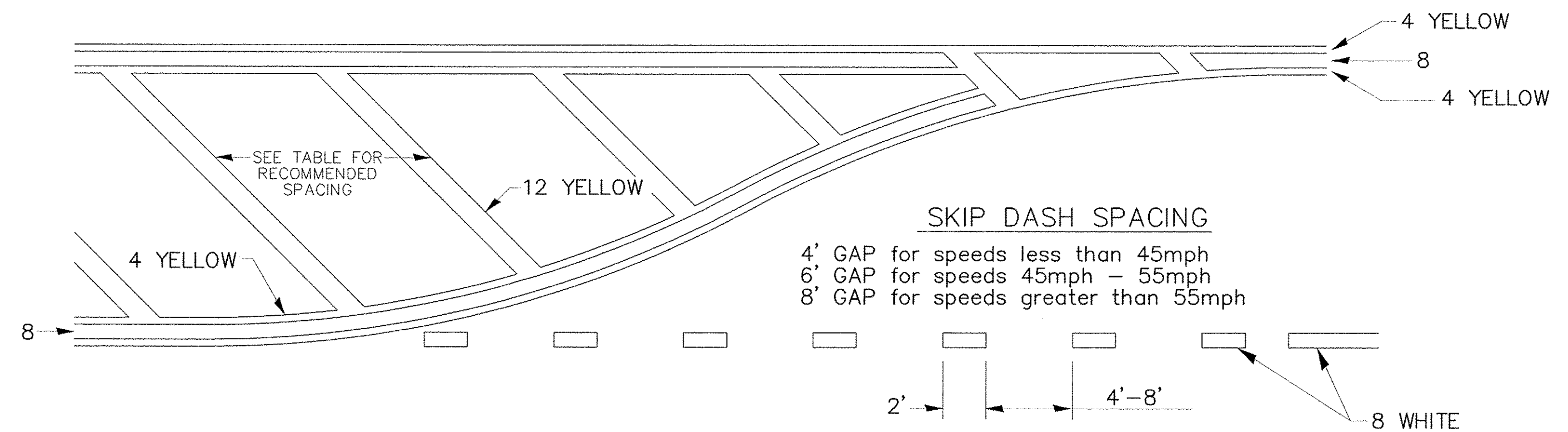
## ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

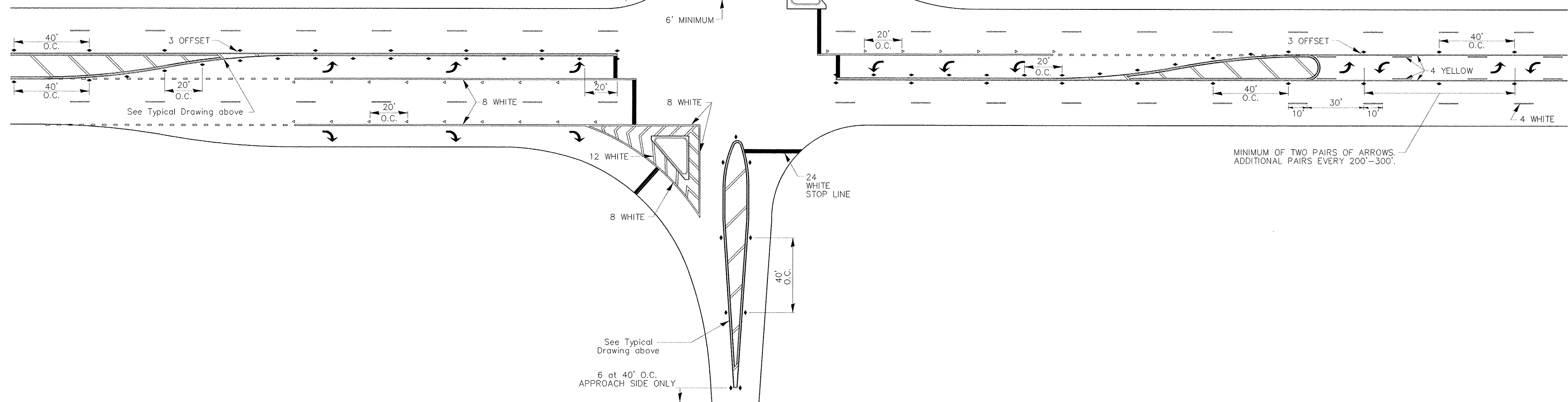
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



### RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



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MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (9)

Missman Project No: B16M001  
File Name: B16M001-DISTRICT DETAILS -  
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Field Book No:  
Drawn By: MAP  
Checked By: BSL  
Date: 04/20/2017

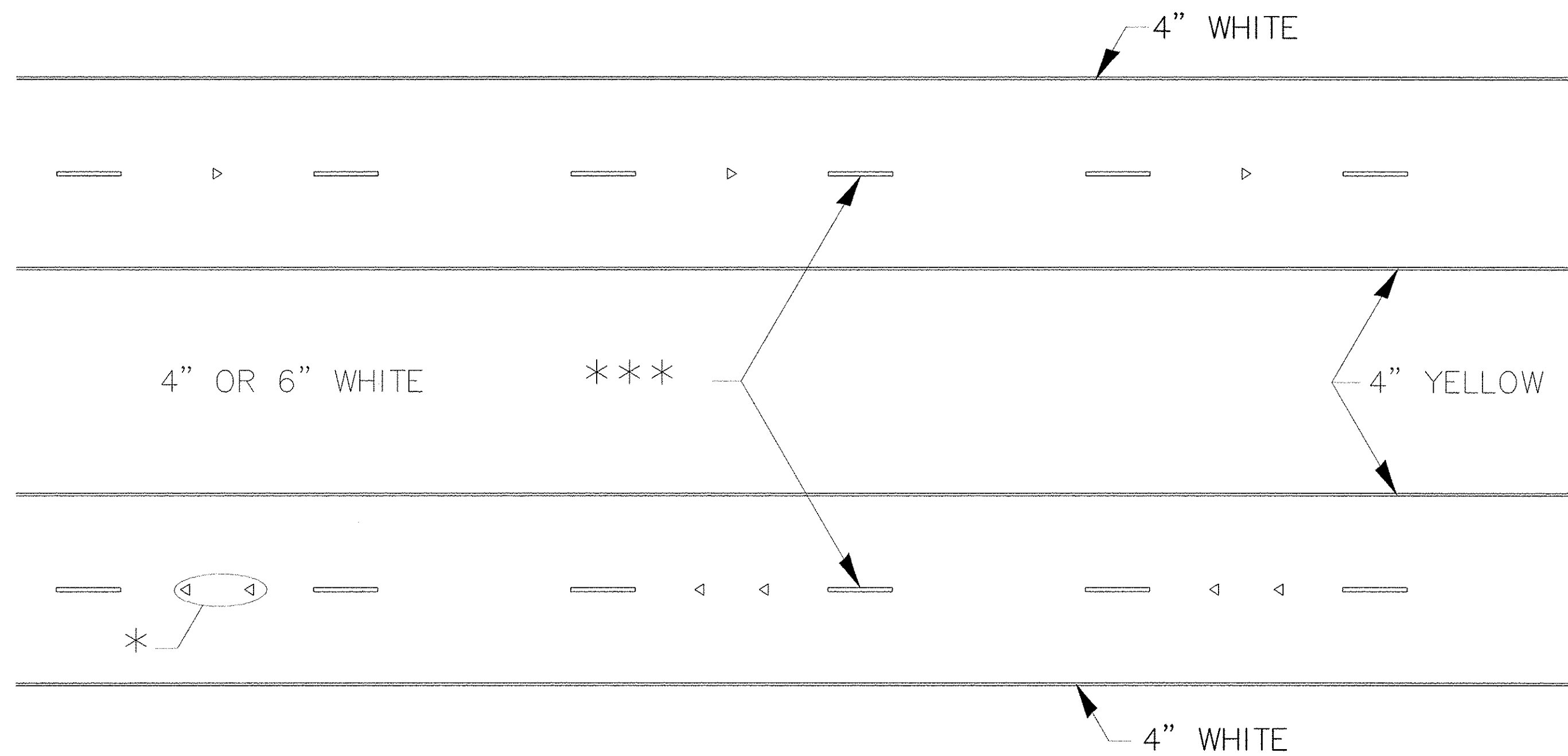
FILE NAME - District 2 Standard	USER NAME - IDOT/District 2	DESIGNED -	REVISED - 6-27-14
		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 3.0909" / in.	CHECKED -	REVISED -
	PLOT DATE = 1/18/2017	DATE -	REVISED -

STATE OF ILLINOIS  
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REGION 2 / DISTRICT 2 STANDARD  
SCALE: SHEET NO. OF SHEETS STA. TO STA.

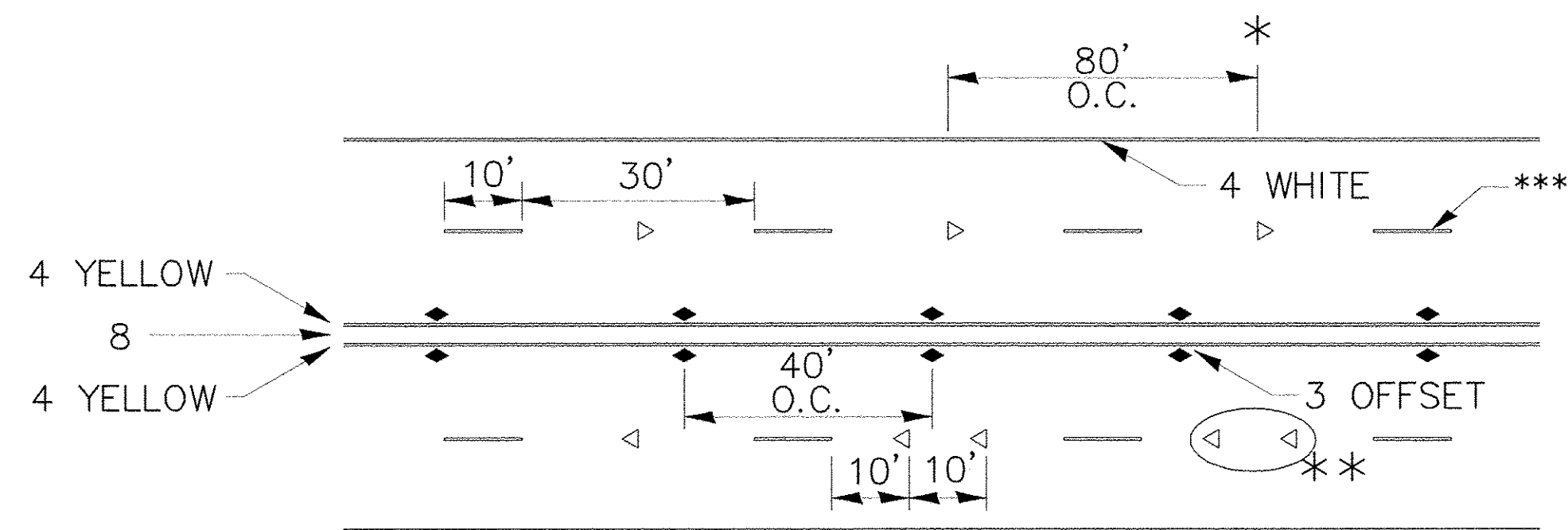
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO.

# TYPICAL PAVEMENT MARKINGS



\* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS. USE DOUBLE MARKERS WHEN ADT > 20,000.

## MULTI-LANE / DIVIDED



\* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

\*\* USE DOUBLE MARKERS WHEN ADT > 20,000

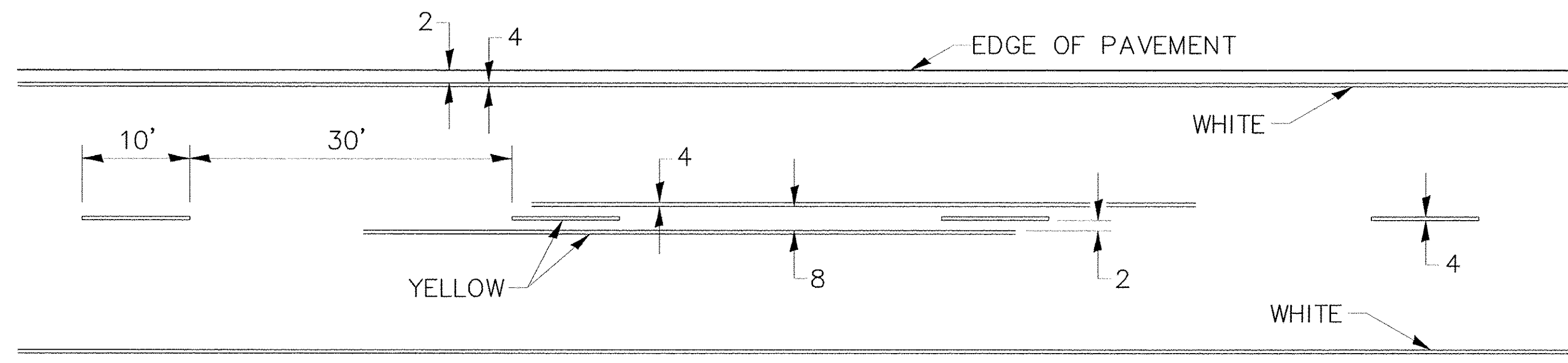
\*\*\* CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

## MULTI-LANE / UNDIVIDED & ONE WAY

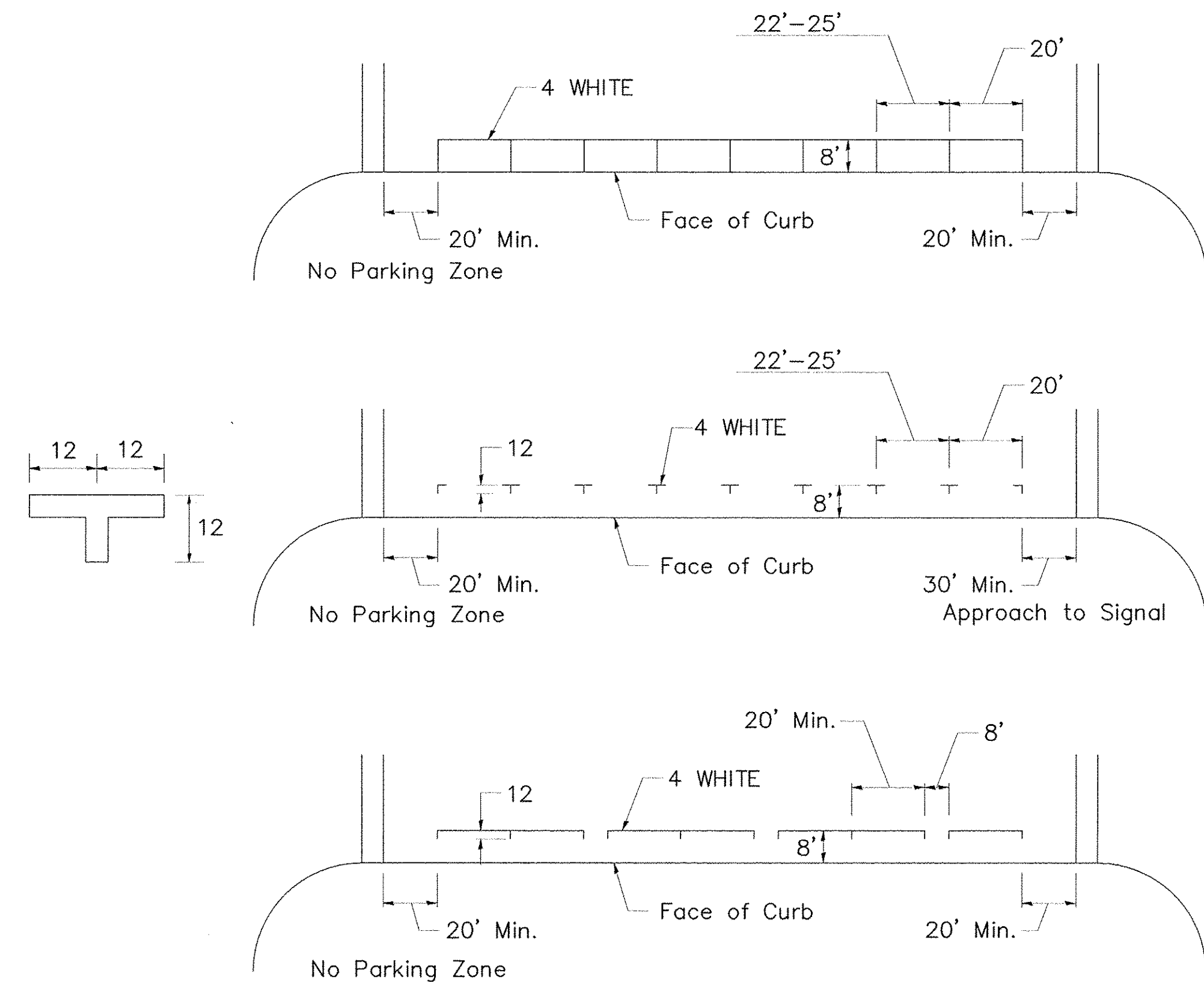
(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

## SYMBOLS

## TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



## TYPICAL PARKING SPACING



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		DRAWN -	REVISED - 8-27-13
	PLOT SCALE = 3.0909' / in.	CHECKED -	REVISED - 11-28-12
	PLOT DATE = 1/18/2017	DATE -	REVISED -

STATE OF ILLINOIS  
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REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				