

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2008-056 I	COOK	32	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 60F11		

32-2-30

D-91-032-09

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

**FAI 290 /I-290 (WESTBOUND)**

**25TH AVENUE TO I-90 /94**

**SECTION: 2008-056 I**

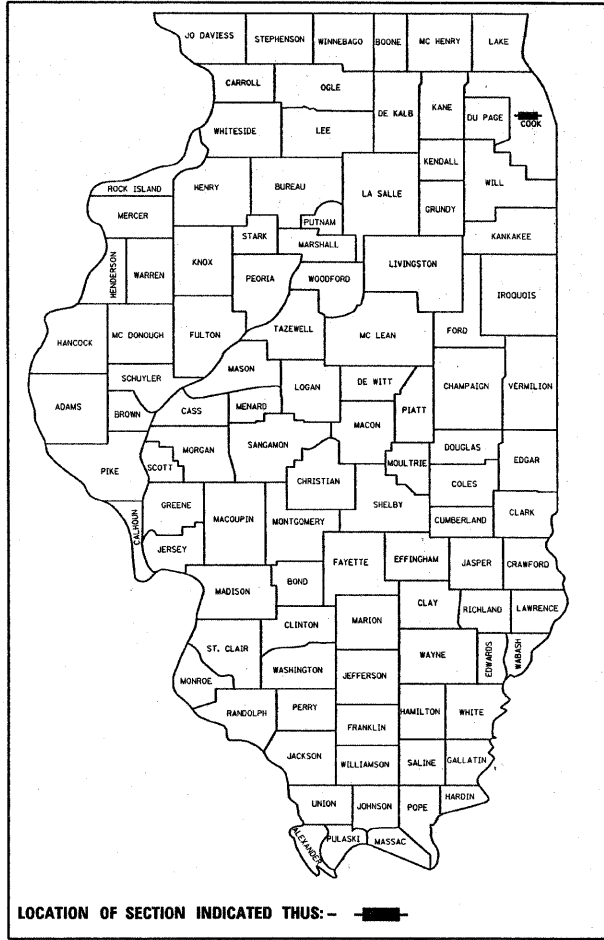
**SEAL COAT (INSIDE & OUTSIDE SHOULDERS)**

**COOK COUNTY**

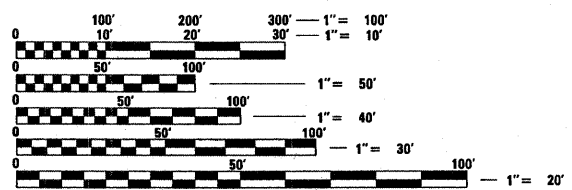
**C-91-032-09**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT IS LOCATED IN THE VILLAGES OF BELLWOOD, BROADVIEW, MAYWOOD, FOREST PARK, OAK PARK, AND THE CITY OF CHICAGO



LOCATION OF SECTION INDICATED THUS: -



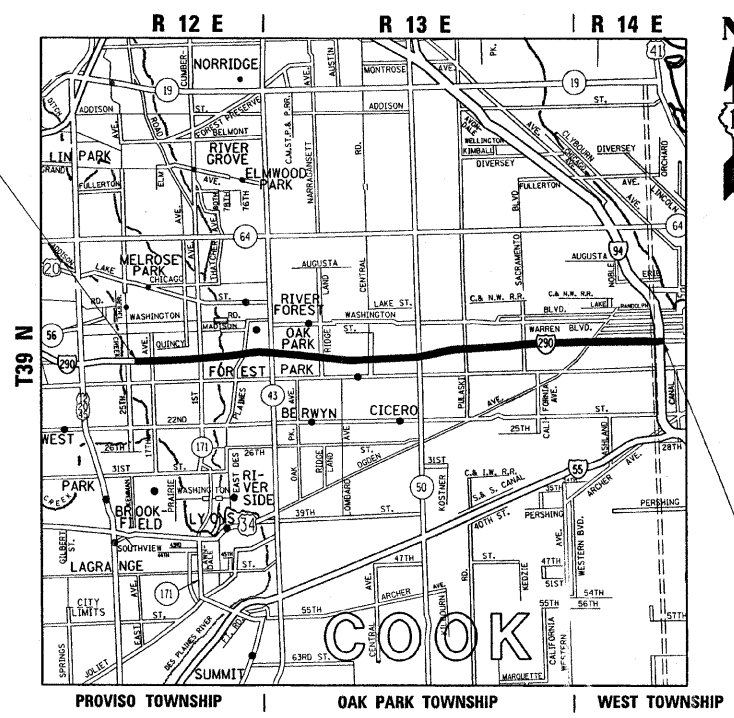
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123 (OR 811)  
OR CUAN, 312 - 744 - 7000

PROJECT ENGINEER: JENPAI CHANG (847) 705-4432  
PROJECT MANAGER: KEN ENG (847) 705-4432

CONTRACT NO. 60F11

IMPROVEMENT BEGINS  
STATION 19+95



**TRAFFIC DATA**

1995 ADT = 239,400  
SPEED LIMIT = 55 MPH

**OMISSIONS:**  
INSIDE SHOULDERS  
STA. 274+03 TO STA. 601+21

IMPROVEMENT ENDS  
STATION 623+06

GROSS LENGTH OF IMPROVEMENT = 60311 FEET = 11.42 MILES  
NET LENGTH OF IMPROVEMENT = 27593 FEET = 5.23 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED DECEMBER 17, 20 08

*Diana M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 30, 20 09  
*Charles J. Smeraldi*  
ENGINEER OF DESIGN AND ENVIRONMENT

January 30, 20 09  
*Christine M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
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LIST OF STATE STANDARDS:

STANDARD NO.	DESCRIPTION
000001-05	TYPICAL SYMBOLS, ABBREVIATIONS, AND PATTERNS
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5 M(15') TO 600 MM(24") FROM EDGE OF PAVEMENT
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY
<del>701406-06</del>	<del>LANE CLOSURE FREEWAY/EXPRESSWAY DAY OPERATION ONLY</del>
701901-01	TRAFFIC CONTROL DEVICES
701411-05	
701426-03	

GENERAL NOTES - CITY OF CHICAGO

BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF IMPROVEMENT CAN BE OBTAINED FROM THE DEPARTMENT OF SEWERS AT SUITE 410, 330 SOUTH STATE STREET, CHICAGO, IL 60604-3971. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPLACING ANY BENCH MONUMENT DAMAGED OR DESTROYED DURING CONSTRUCTION.

IN CASE OF DAMAGE TO CITY OF CHICAGO SEWERS, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/OR BENCH MONUMENTS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DEPARTMENT OF SEWERS AT 312-747-7892 OR 312-747-7893.

CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER AND/OR DEPARTMENT OF SEWERS.

GENERAL NOTES:

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE AT 800-892-0123 (OR 811) OR CUAN (CHICAGO UTILITY ALERT NETWORK), 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF BELLWOOD, BROADVIEW, FOREST PARK, MAYWOOD, OAK PARK, AND THE CITY OF CHICAGO.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

THE RESIDENT ENGINEER SHALL CONTACT MR. WALLY CZARNY AT 773-685-44342 TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

SLURRY SEAL NOTE:

PRIOR TO APPLYING THE SLURRY SEAL MIXTURE, THE CONTRACTOR SHALL CLEAN THE PAVEMENT SURFACE BY REMOVING VEGETATION, LOOSE MATERIALS, DIRT, MUD AND OTHER OBJECTIONABLE MATERIALS.

THE CONTRACTOR SHALL DEVISE AND SUBMIT A JOINT PLAN THAT MEETS THE APPROVAL OF THE ENGINEER.

Rev. 2-23-09

FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FAI 290-290 (EB) INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 60F11					
PLOT DATE = 12/16/2008	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.				

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2008-056 I	COOK	32	3
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

CONTRACT NO. 60F11

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		OUTSIDE/INSIDE SHOULDERS	URBAN SFTY-2A				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	38	38					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4					
67100100	MOBILIZATION	L SUM	1	1					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	84014	84014					
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	14083	14083					
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	5771	5771					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	43165	43165					
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	84014	84014					
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	14083	14083					
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	5771	5771					
78300100	PAVEMENT MARKING REMOVAL	SO FT	43165	43165					
X0326218	FIBER-MODIFIED ASPHALT CRACK SEALING	FOOT	6031	6031					
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1					
<del>X7013820</del>	<del>TRAFFIC CONTROL SURVEILLANCE; EXPRESSWAYS</del>	<del>CAL DA</del>	<del>11</del>	<del>11</del>					
XZ186500	ASPHALTIC EMULSION SLURRY SEAL	SO YD	94291	94291					
X0326219	BUMP REMOVAL	EACH	280	280					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT							

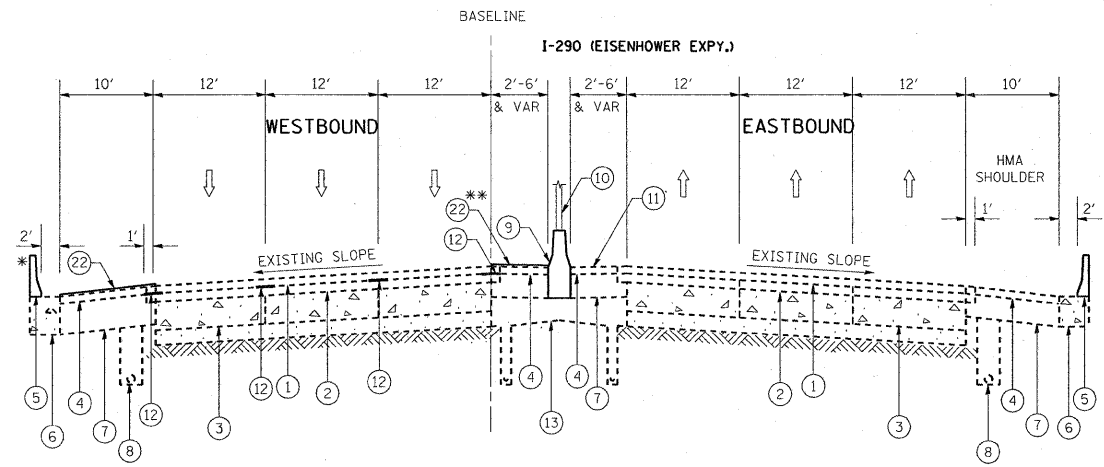
\* SPECIALITY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI 290/1-290 (EISENHOWER EXPY.-WESTBOUND)  
 25TH AVENUE TO I-90/94  
 SUMMARY OF QUANTITIES

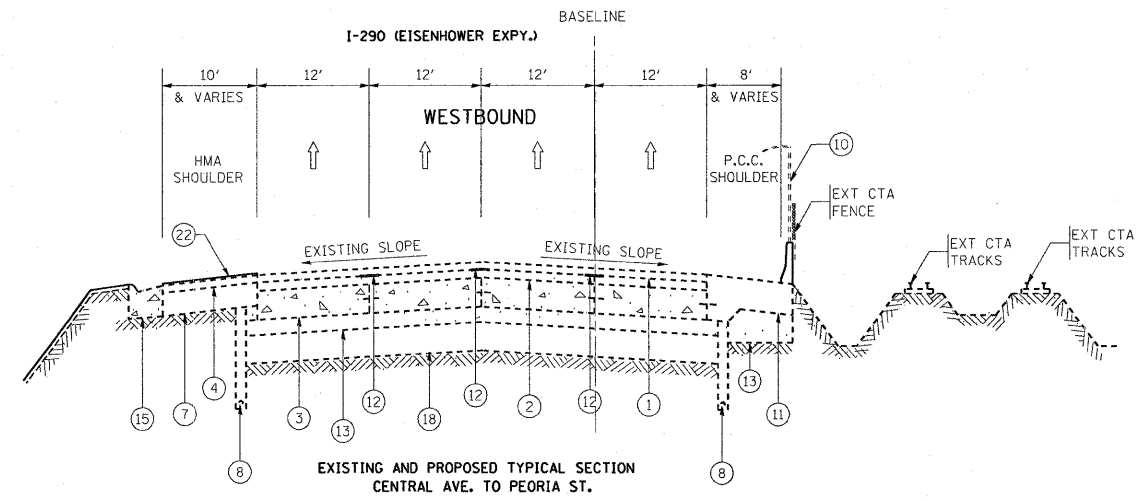
Rev.

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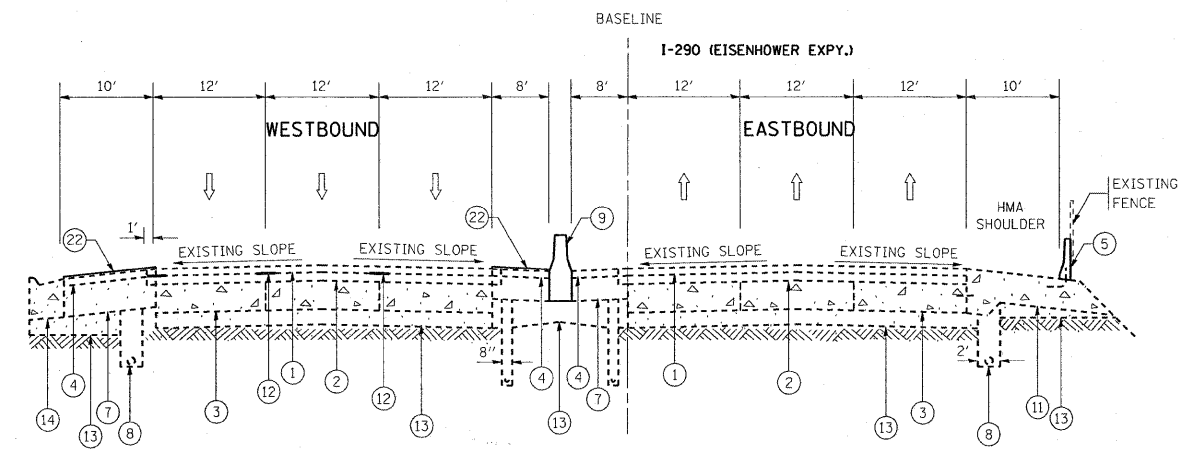


EXISTING AND PROPOSED TYPICAL SECTION  
25TH AVE. TO DES PLAINES AVE

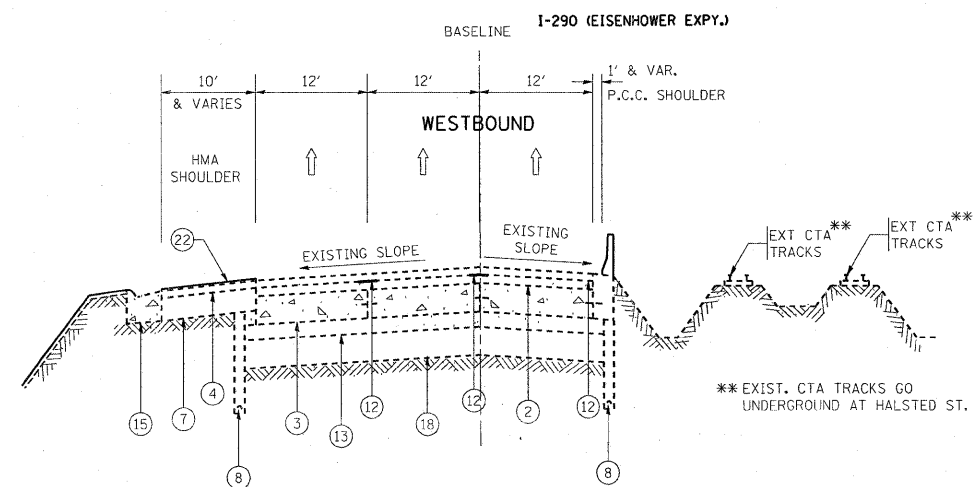
\* SINGLE FACE BARRIER  
WALL LOCATIONS (WESTBOUND):  
STA. 48+12 TO STA. 50+13  
STA. 74+89 TO STA. 76+81  
STA. 88+28 TO STA. 90+24  
STA. 101+62 TO STA. 103+54  
STA. 114+69 TO STA. 142+94



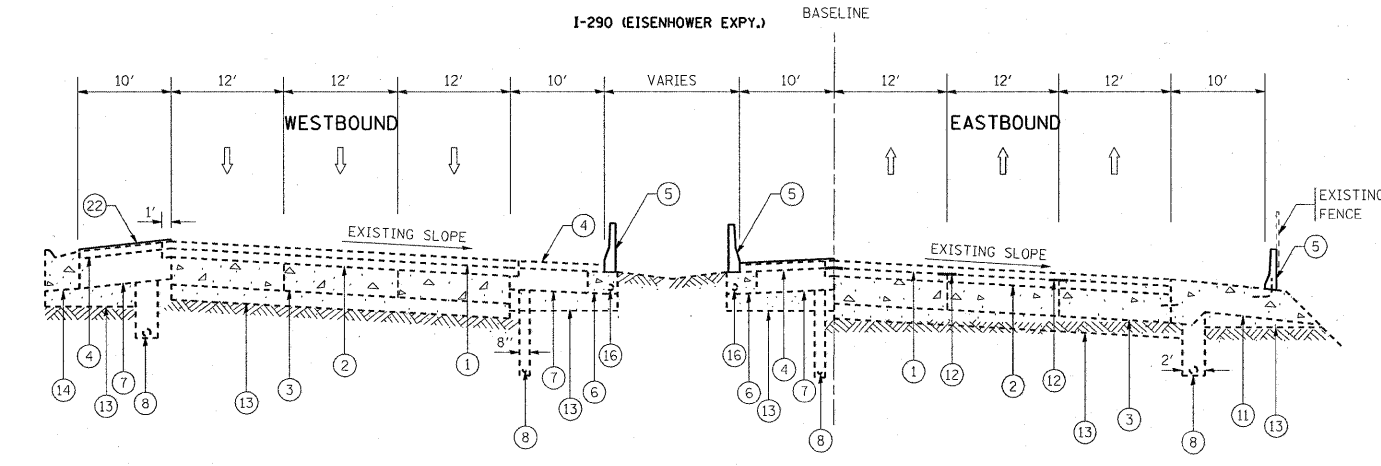
EXISTING AND PROPOSED TYPICAL SECTION  
CENTRAL AVE. TO PEORIA ST.



EXISTING AND PROPOSED TYPICAL SECTION  
DES PLAINES AVE. TO EAST AVE.



EXISTING AND PROPOSED TYPICAL SECTION  
PEORIA ST. TO DES PLAINES AVE.



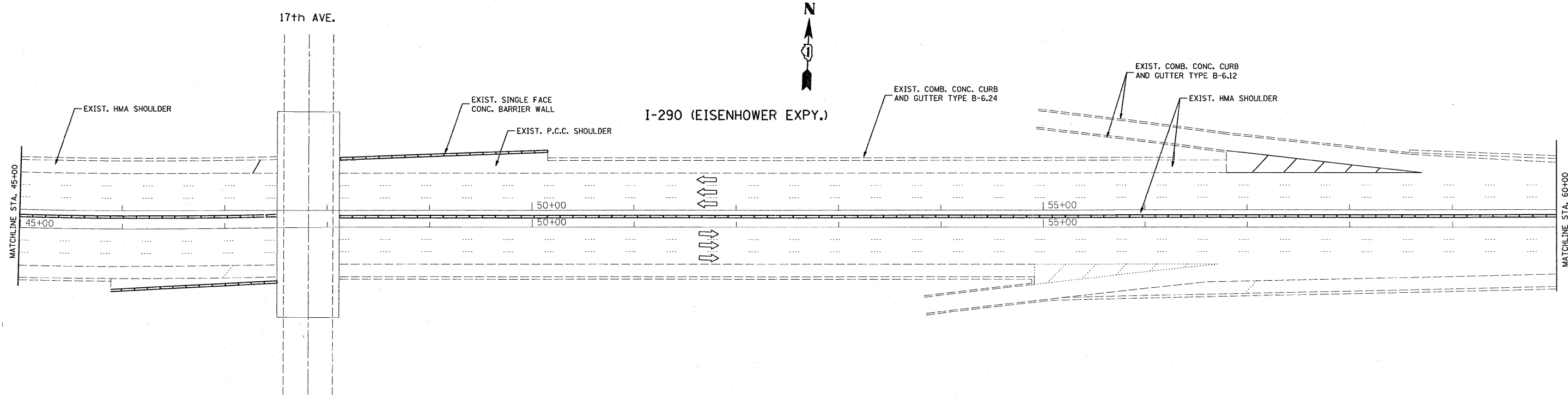
EXISTING AND PROPOSED TYPICAL SECTION  
EAST AVE. TO CENTRAL AVE.

**LEGEND**

- ① EXISTING POLY HMA SURFACE CSE, MIX "F", N105, 1-3/4"
- ② EXISTING POLY HMA BINDER COURSE, IL-19, N105, 2-1/4"
- ③ EXISTING P.C.C. PAVEMENT, 10"
- ④ EXISTING HMA SURFACE COURSE, MIX "D", N70, 1-3/4"
- ⑤ EXISTING SINGLE FACE CONCRETE BARRIER WALL
- ⑥ EXISTING P.C.C. BASE COURSE
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING PIPE UNDERDRAIN
- ⑨ EXISTING CONCRETE MEDIAN BARRIER
- ⑩ EXISTING LIGHT POLE
- ⑪ EXISTING P.C.C. SHOULDER
- ⑫ EXISTING STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑬ EXISTING STABILIZED SUB-BASE, 4"
- ⑭ EXISTING COMB. CONC. CURB AND GUTTER TYPE B-6.24
- ⑮ EXISTING COMB. CONC. CURB AND GUTTER TYPE M-6.24
- ⑯ EXISTING COMB. CONC. CURB AND GUTTER TYPE B-6.12
- ⑰ EXISTING 4" PVC DUCT (ELECTRICAL)
- ⑱ EXISTING POROUS GRANULAR EMBANKMENT (PGE)
- ⑲ EXISTING STEEL PLATE BEAM GUARD RAIL
- ⑳ EXISTING TYPE A GUTTER
- ㉑ EXISTING RETAINING WALL
- ㉒ PROPOSED ASPHALTIC EMULSION SLURRY SEAL

FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-290 (EISENHOWER EXPY) 25TH AVE. - I-90/94 EXISTING AND PROPOSED TYPICAL SECTIONS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 12/16/2008	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60F11				
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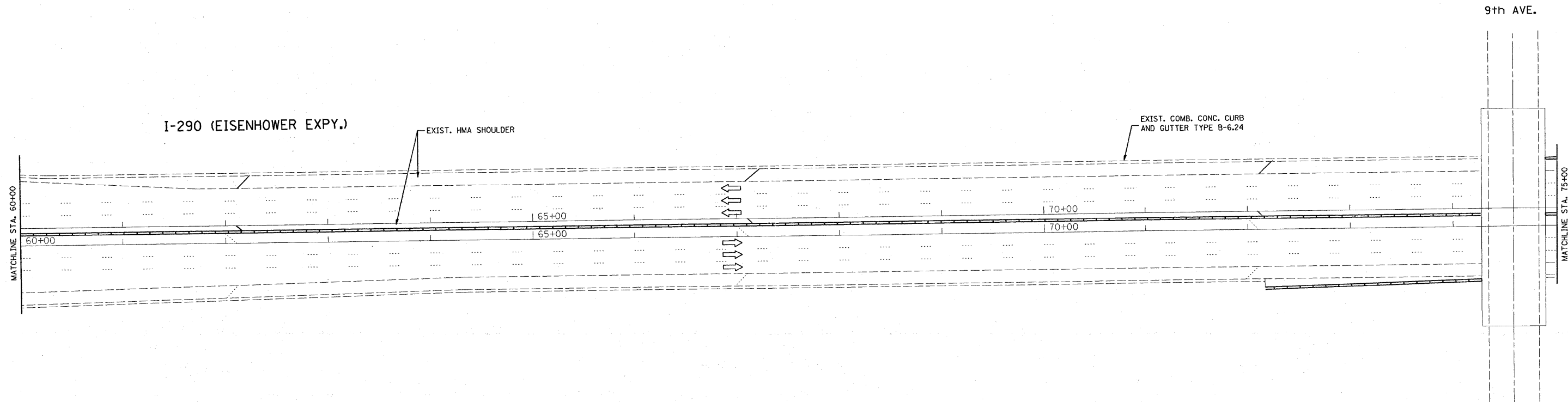


**NOTE:**

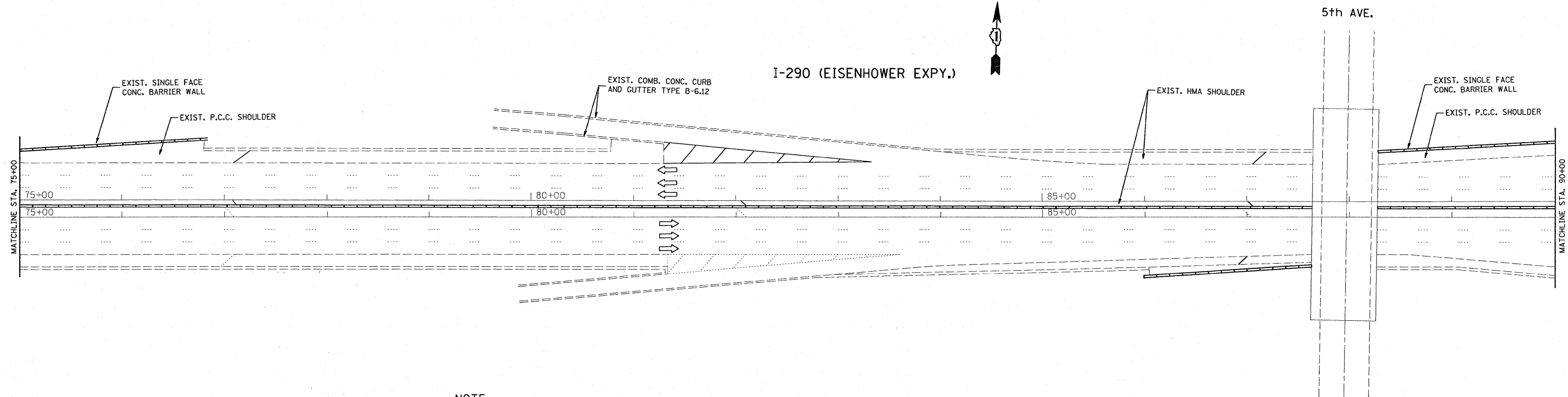
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THE RESIDENT ENGINEER SHALL CONTACT MR. DON CHIARUGI, AREA TRAFFIC ENGINEER AT (847) 741 9857 AT LEAST (2) WEEKS PRIOR TO PLACING ANY PAVEMENT MARKINGS.

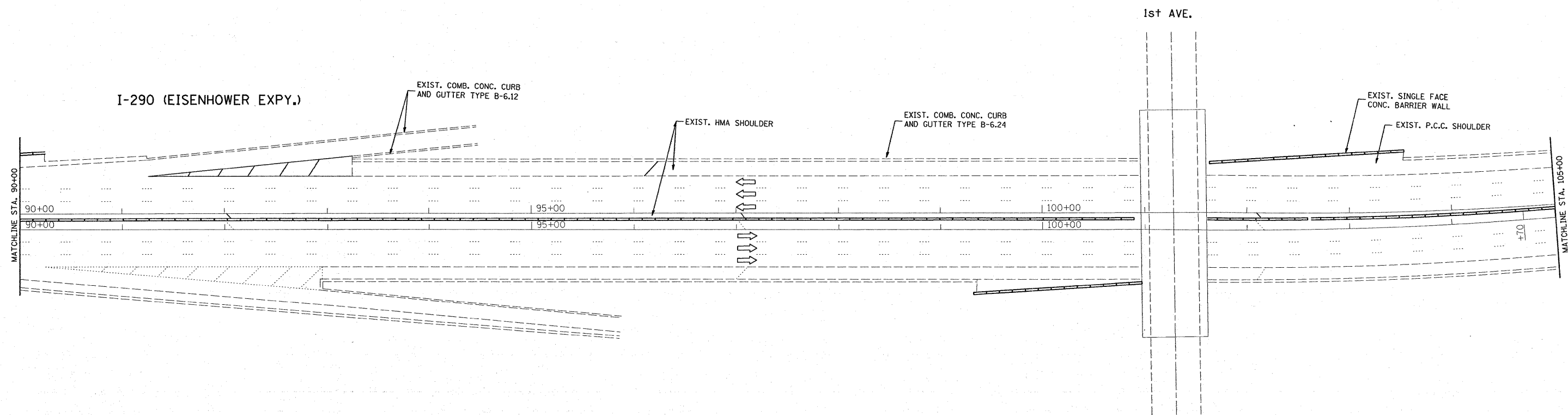


FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-290 (EISENHOWER EXPWY) 25th AVE. - I-9094 ROADWAY PLAN</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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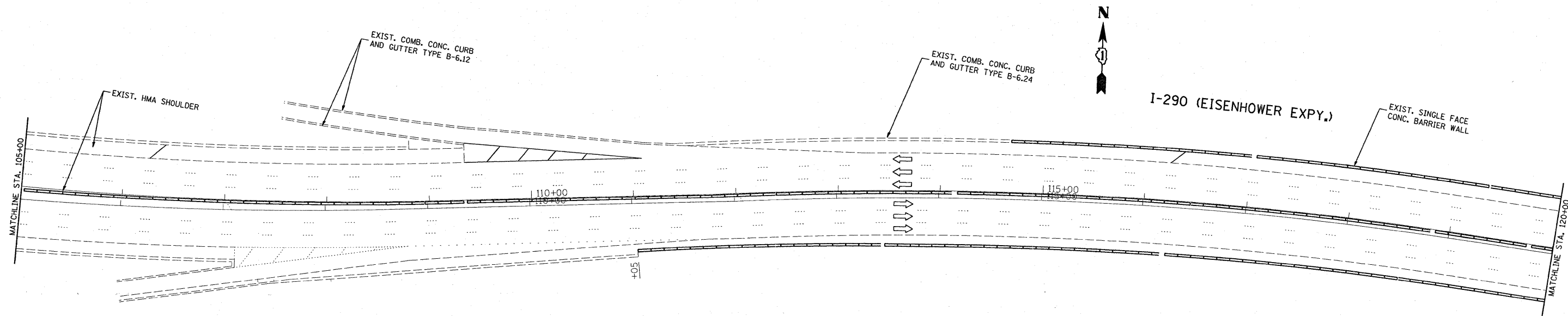
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-290 (EISENHOWER EXPWY) 25th AVE. - I-9094  
ROADWAY PLAN**

SCALE: 1"=50'    SHEET NO. OF SHEETS    STA. TO STA.

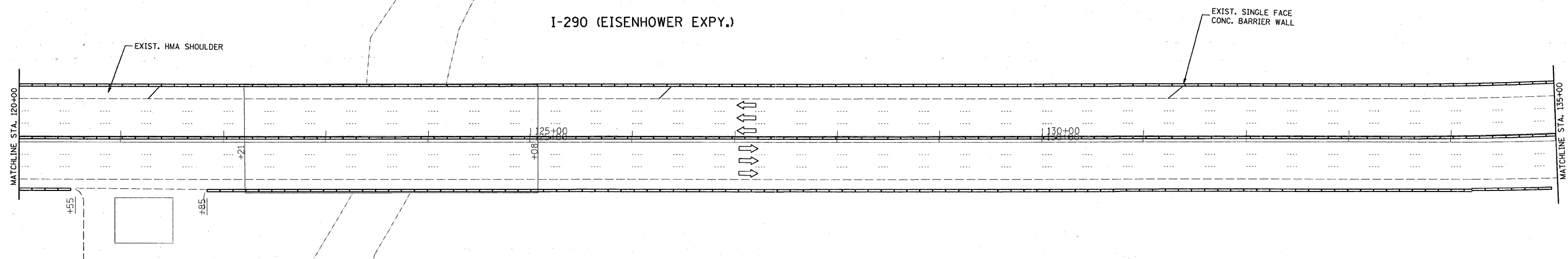
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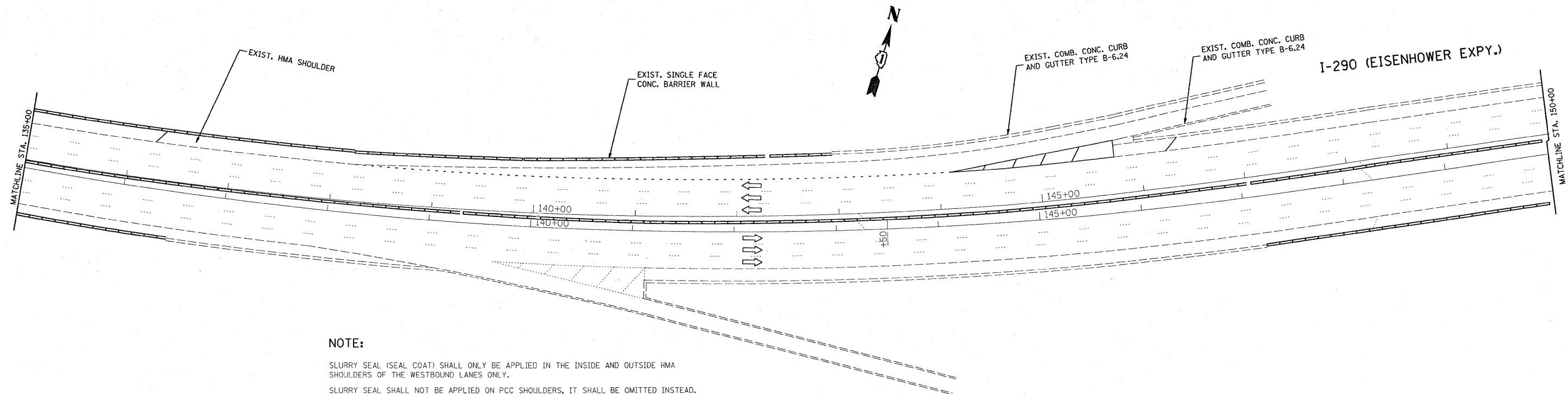
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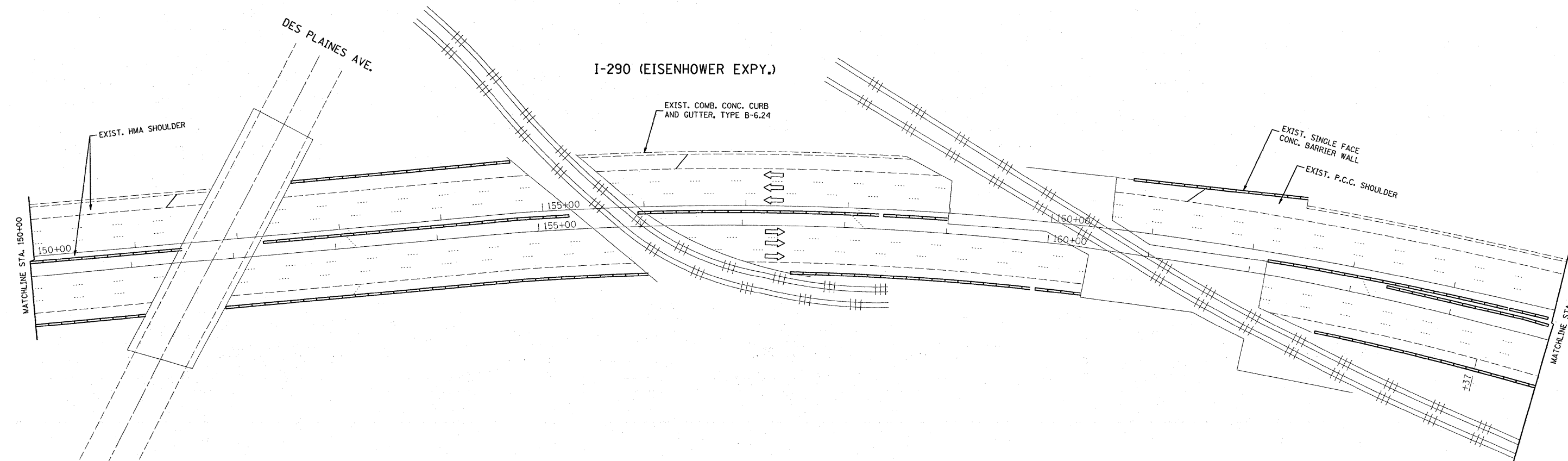
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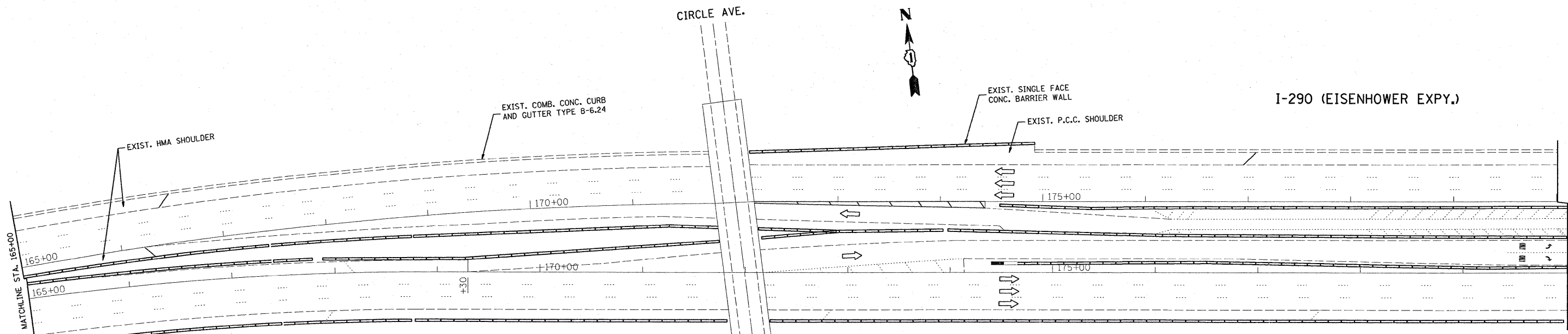


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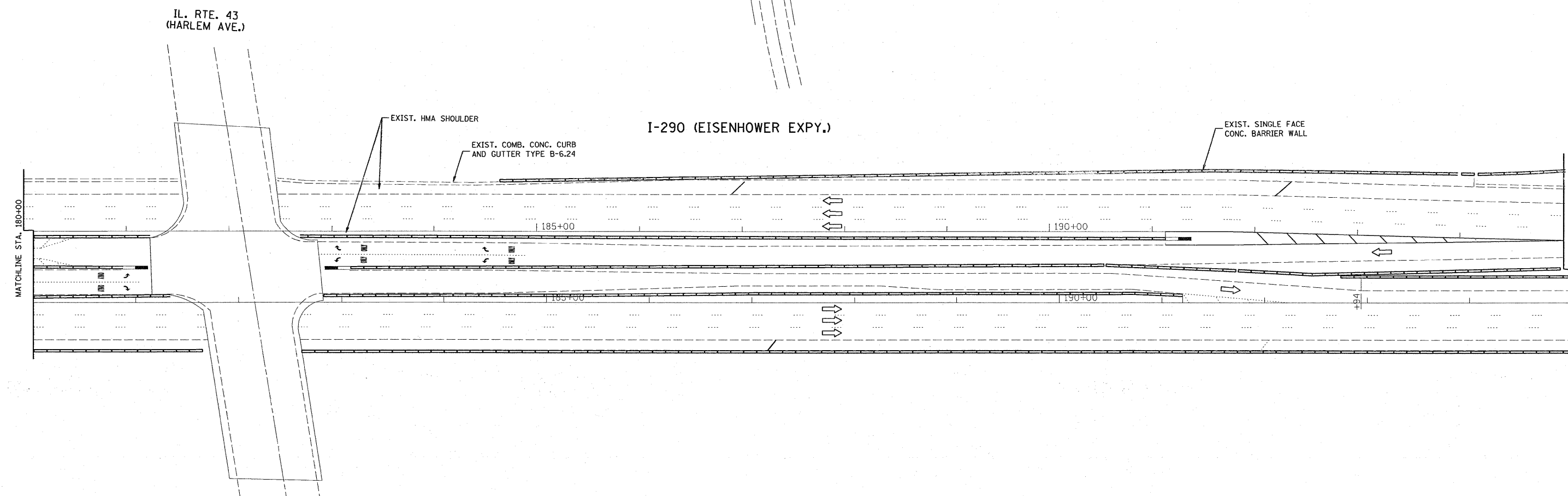
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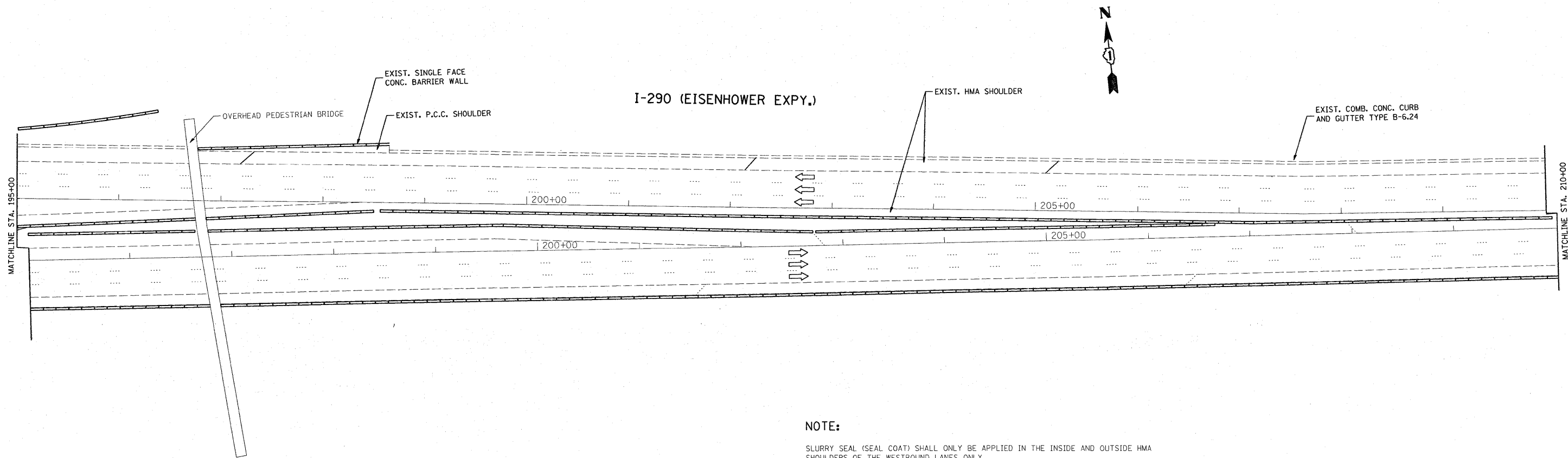
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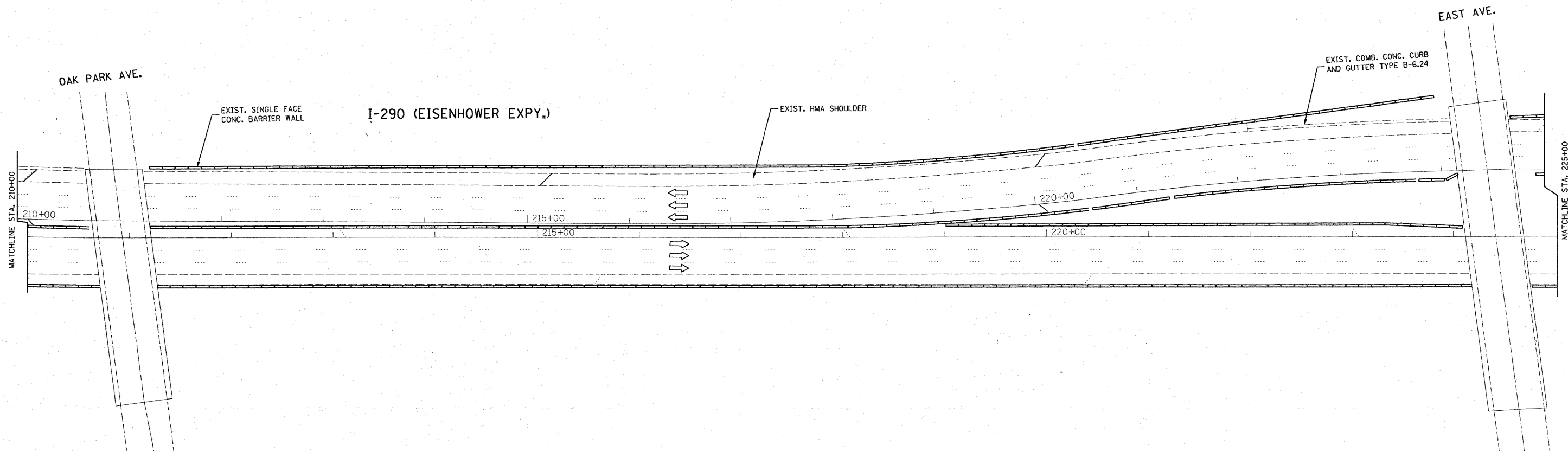


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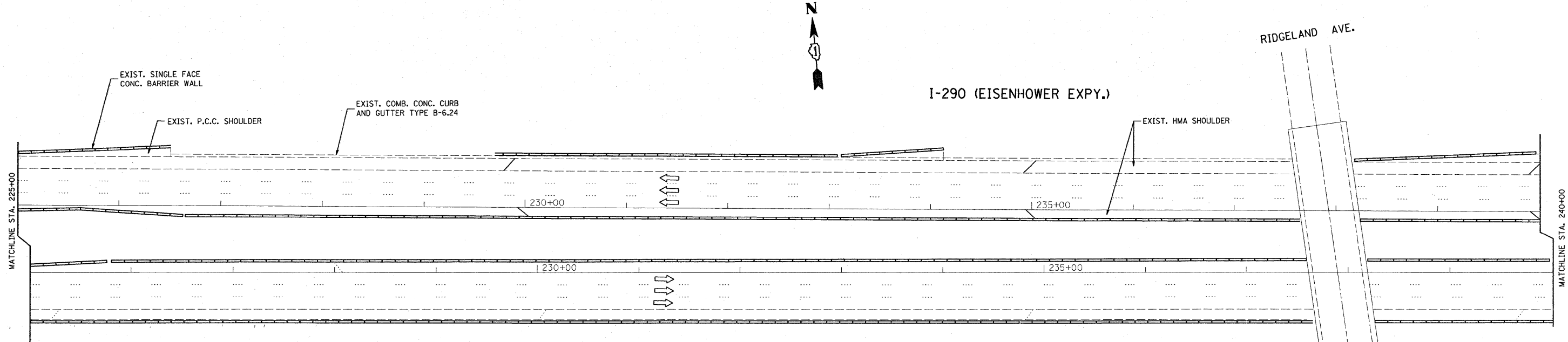


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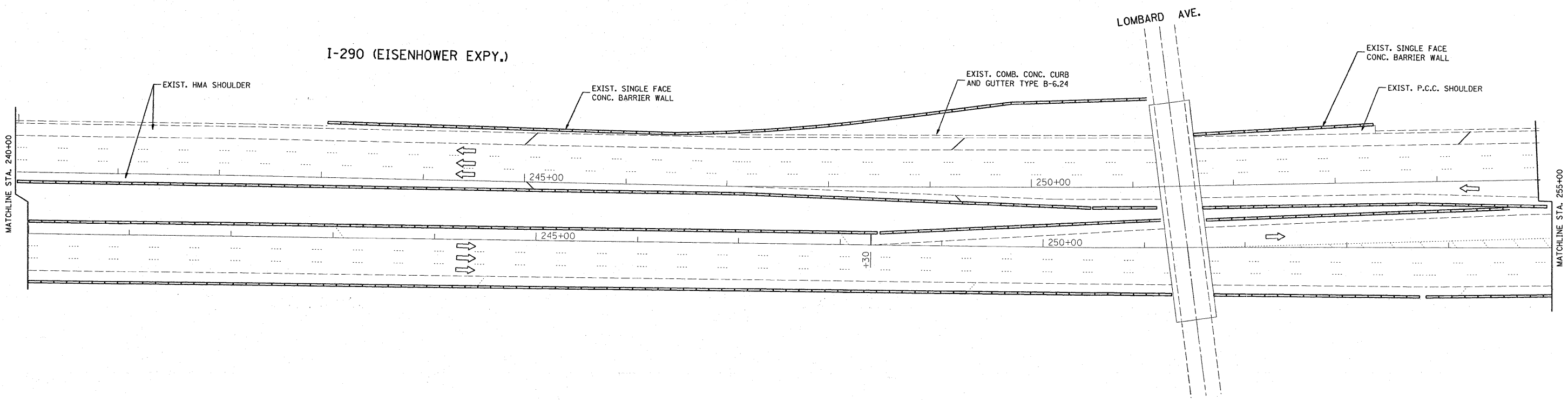


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PLOT DATE = 12/16/2008	DATE -	CHECKED -	REVISED -		SCALE: 1"=50'			SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 60F11	
								FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

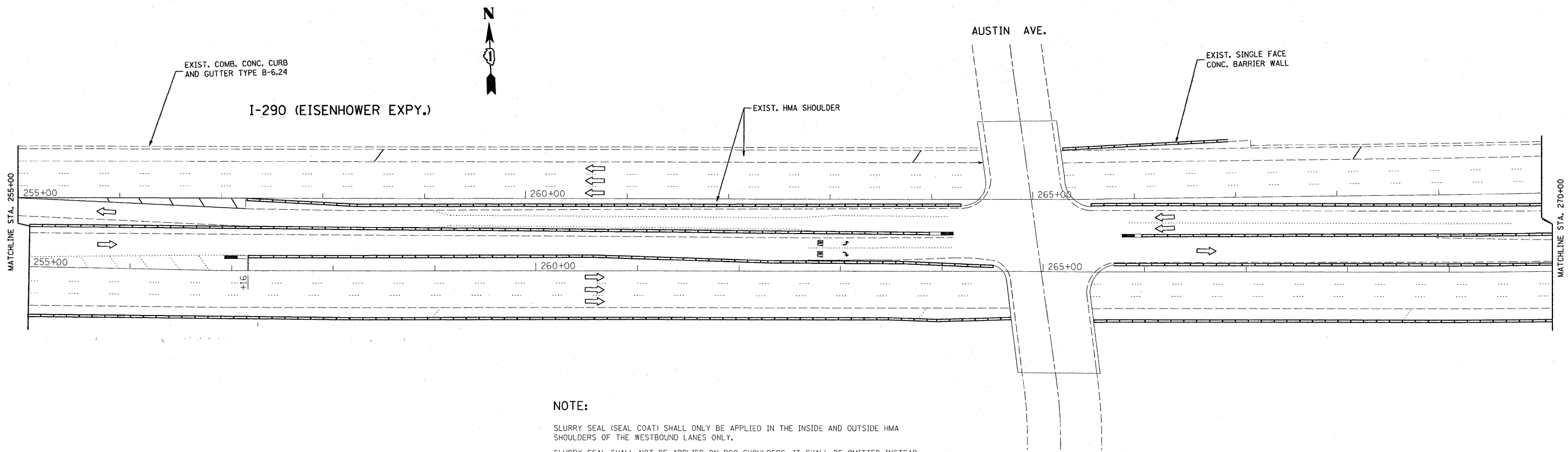


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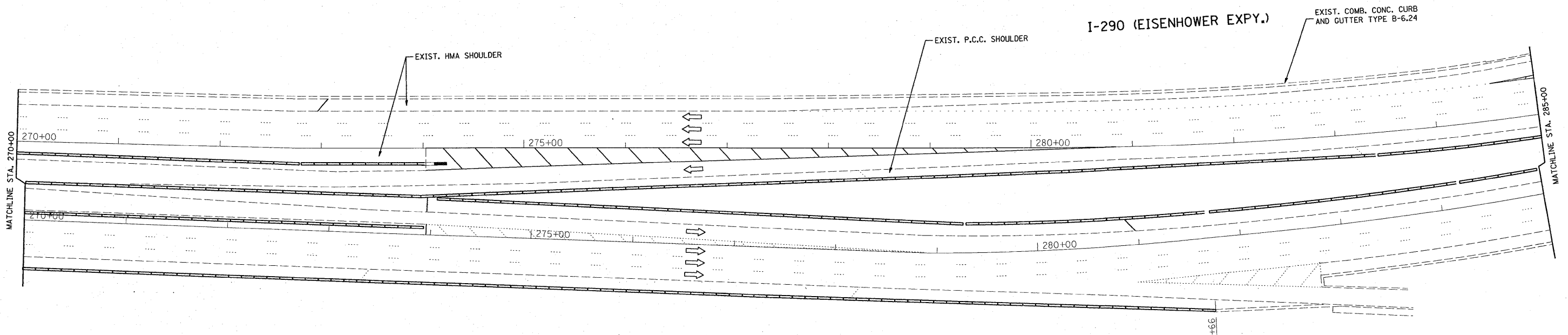


FILE NAME =	USER NAME = steedps	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-290 (EISENHOWER EXPWY) 25th AVE. - I-9094 ROADWAY PLAN</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\NPWIDOT\STEEPDA\dms92445\design_00.dgn		DRAWN -	REVISED -		290	2008-056 I	COOK	32	12			
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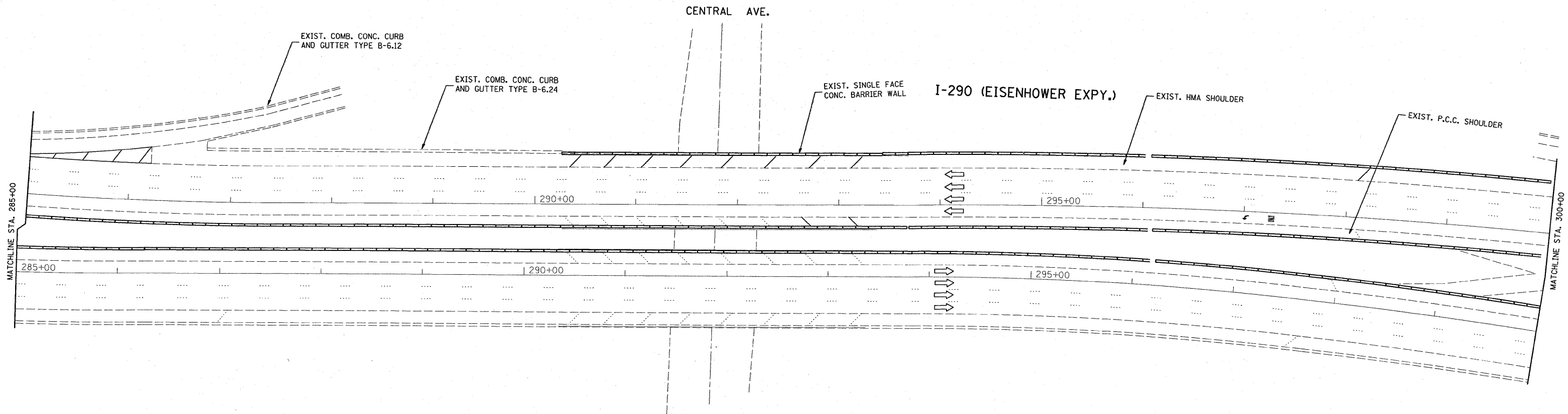


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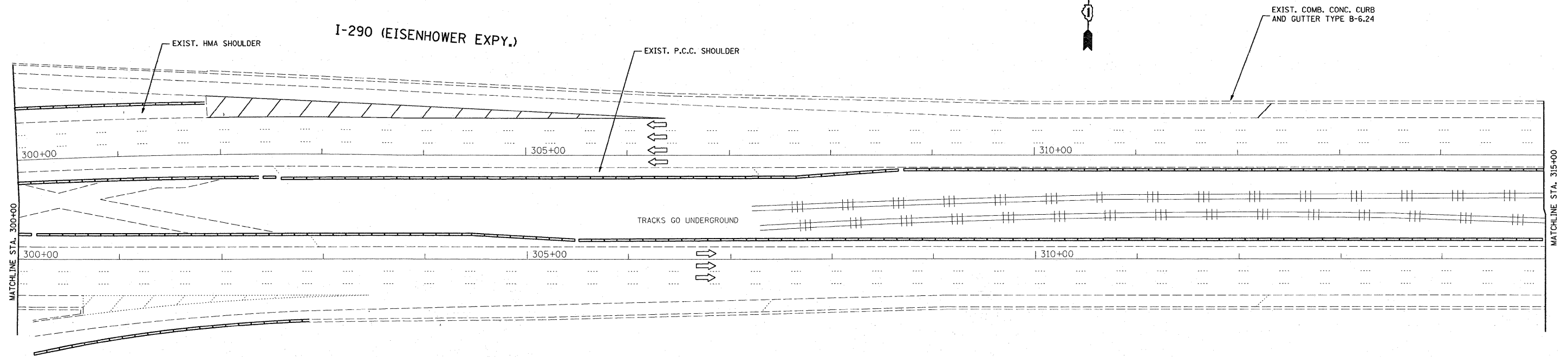
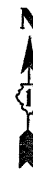


FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-290 (EISENHOWER EXPWY) 25th AVE. - I-9094 ROADWAY PLAN</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw_work\PIWIDOT\STEEDPA\dms92445\design_00.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -			290	2008-056 I	COOK	32	13	
PLOT DATE = 12/16/2008	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60F11					
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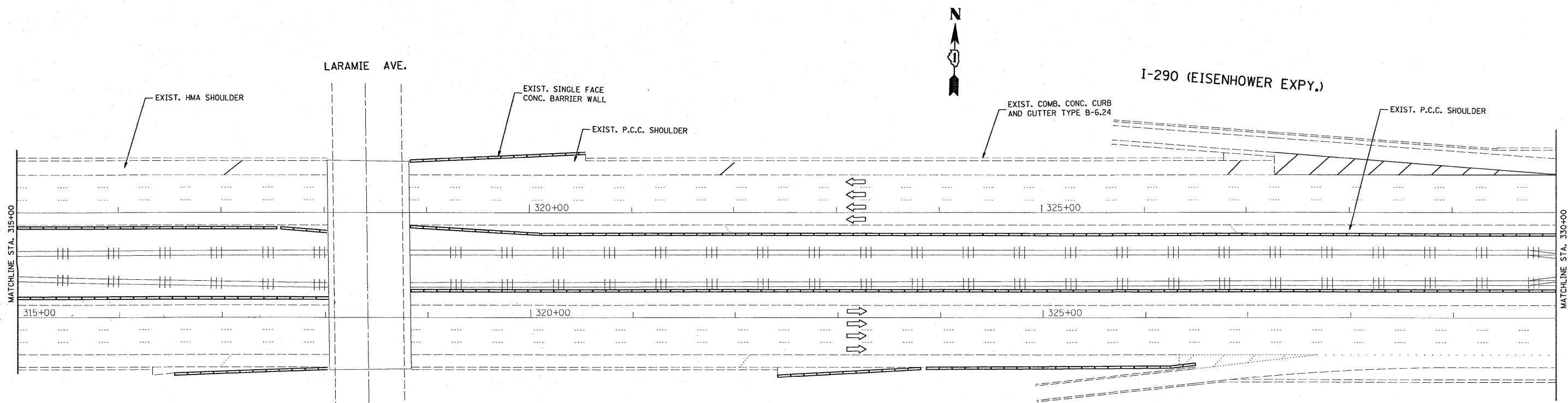


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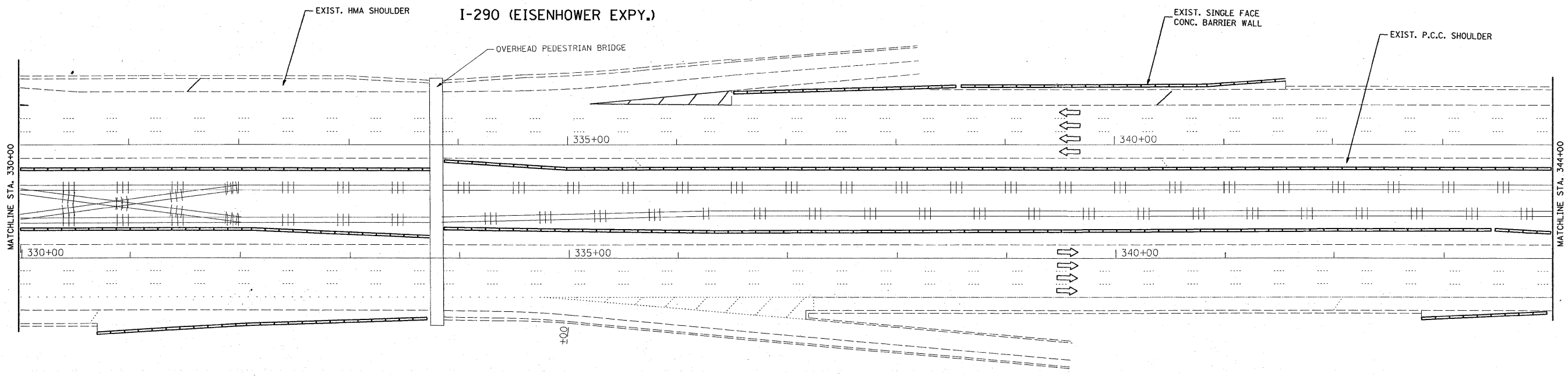


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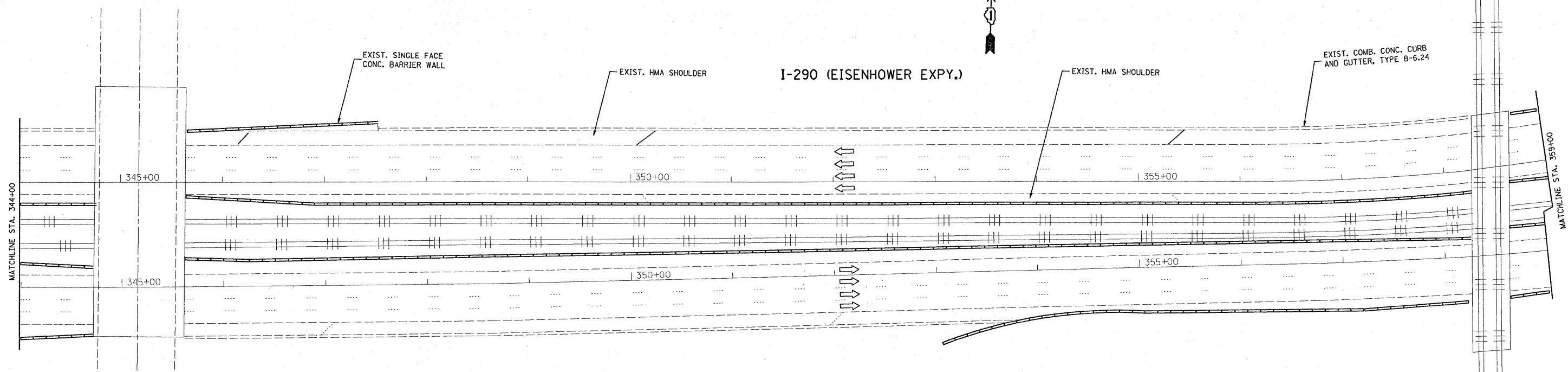
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FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-290 (EISENHOWER EXPWY) 25th AVE. - I-9094 ROADWAY PLAN</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pw_work\PWIDOT\STEEDPA\dms92445\dms92445.dgn	PLDT SCALE = 50.0000' / IN.	DRAWN -	REVISED -					290	2008-056 I	COOK	32	15
	PLDT DATE = 12/16/2008	CHECKED -	REVISED -		SCALE: 1"=50'			SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 60F11	
		DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

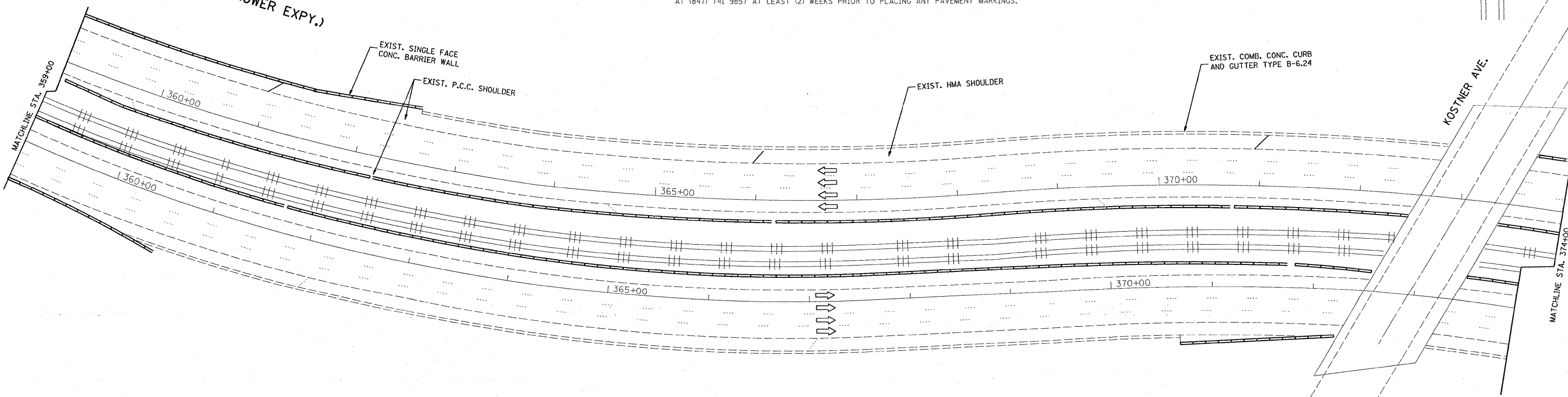
IL. RTE. 50  
(CICERO AVE.)



**NOTE:**

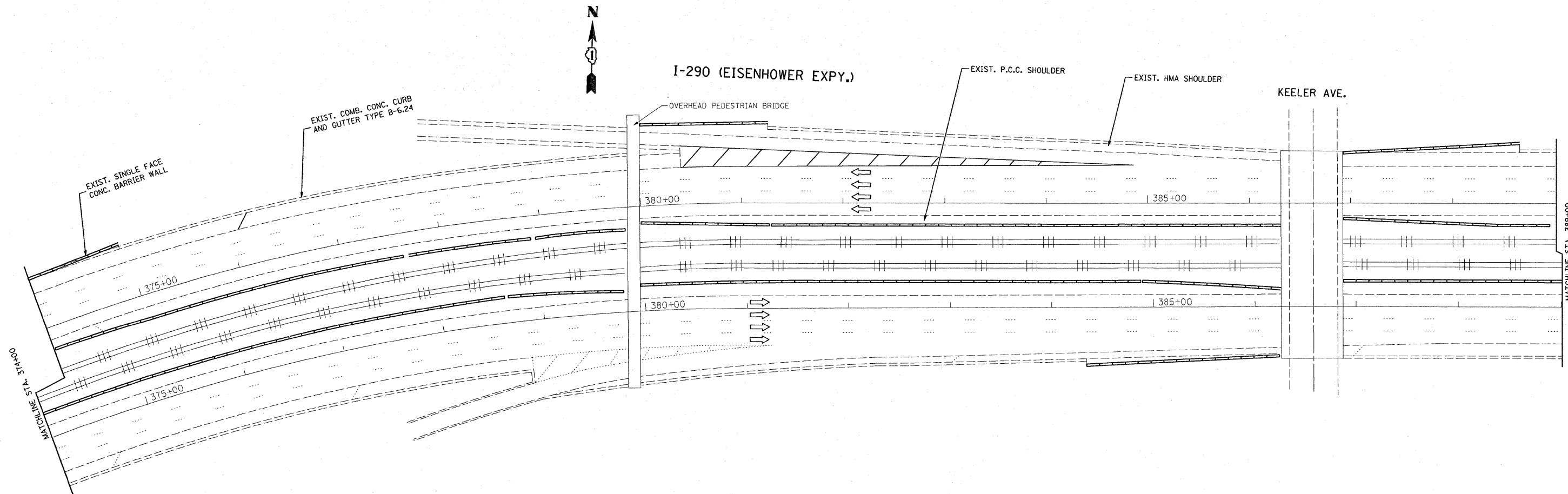
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I-290 (EISENHOWER EXPY.)



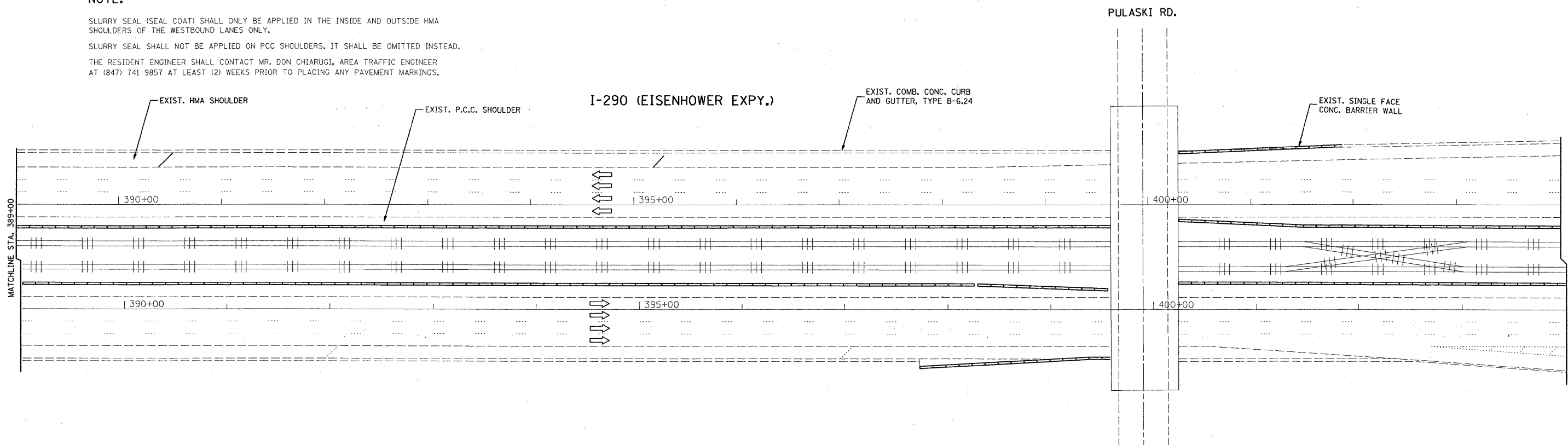
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ct:\pw_work\PWIDOT\STEEPDA\dms92445\design_00.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -					SCALE: 1"=50'			SHEET NO. OF SHEETS STA. TO STA.	
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**NOTE:**

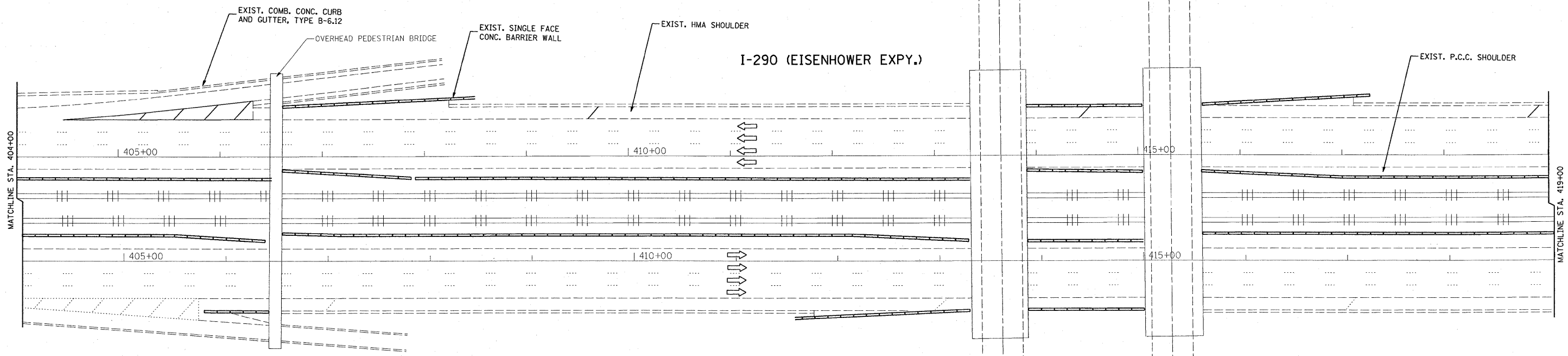
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FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-290 (EISENHOWER EXPWY) 25th AVE. - I-9094 ROADWAY PLAN</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\PIWIDOT\STEEDPA\dms92445\desig\aa.dgn		DRAWN -	REVISED -			290	2008-056 I	COOK	32	17	
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PLOT DATE = 12/16/2008		DATE -	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT					
					CONTRACT NO. 60F11						

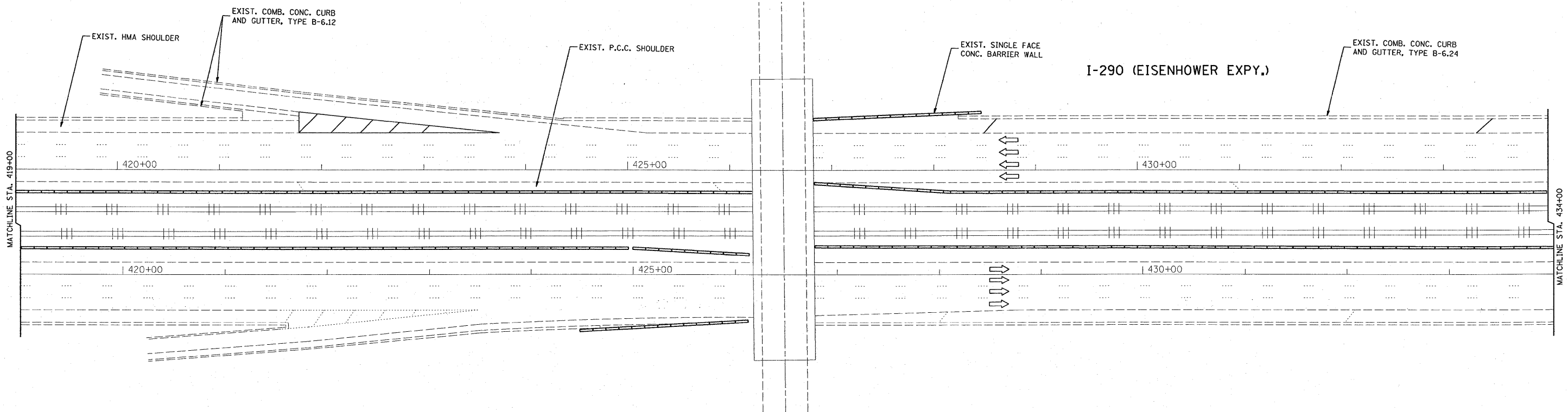


INDEPENDENCE BLVD.  
(SOUTHBOUND)      INDEPENDENCE BLVD.  
(NORTHBOUND)

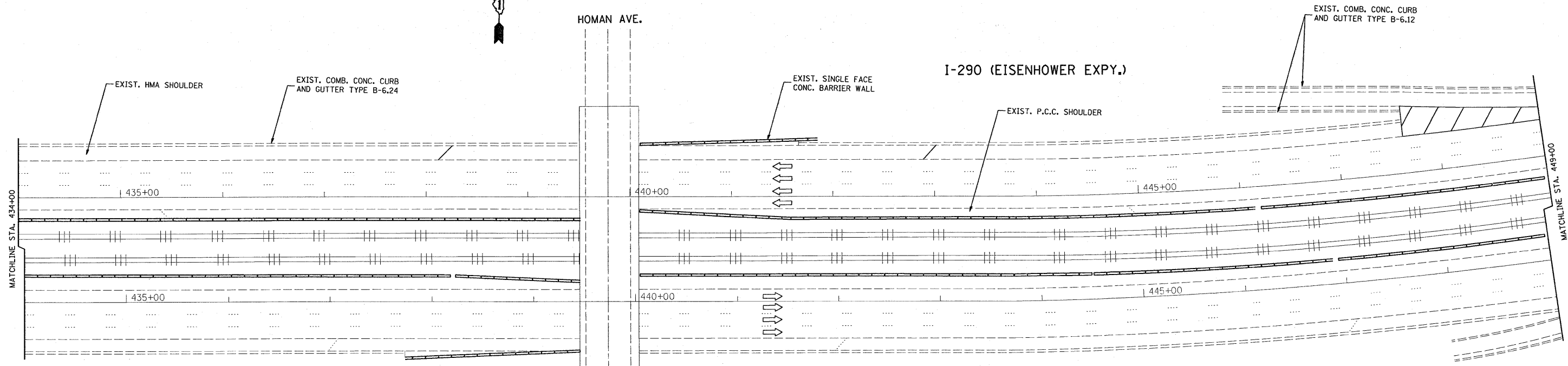


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CENTRAL PARK AVE.



FILE NAME = c:\pwork\PWIDOT\STEEPDA\ms92445\desig_00.dgn	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-290 (EISENHOWER EXPWY) 25th AVE. - I-9094 ROADWAY PLAN</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -					290	2008-056 I	COOK	32	18
PLOT DATE = 12/16/2008	CHECKED -	REVISED -	REVISED -	SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60F11		
	DATE -	REVISED -	REVISED -							FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT		

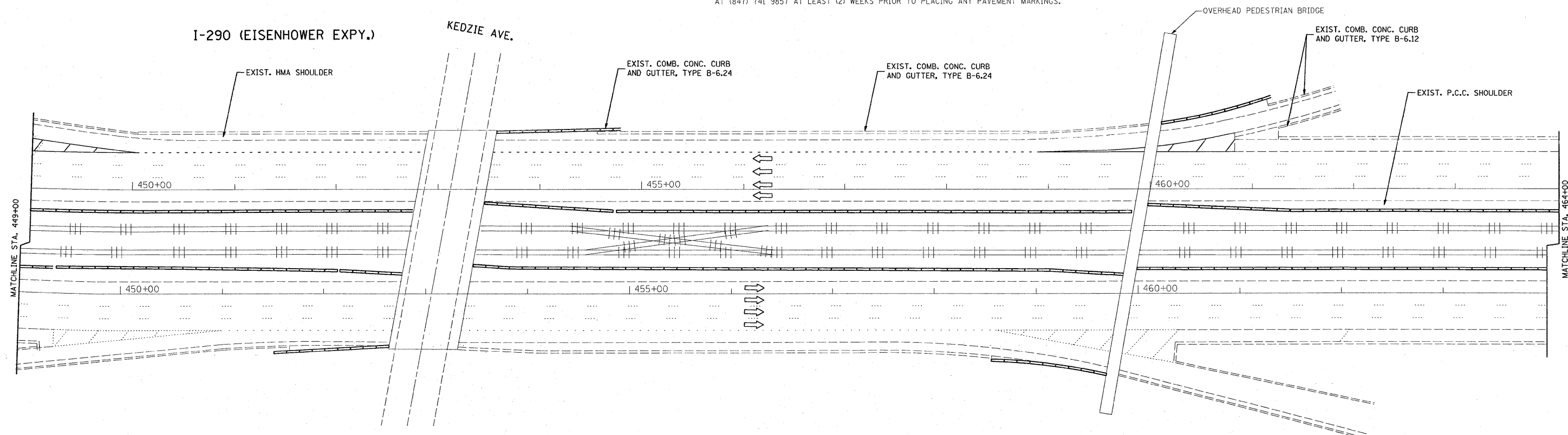


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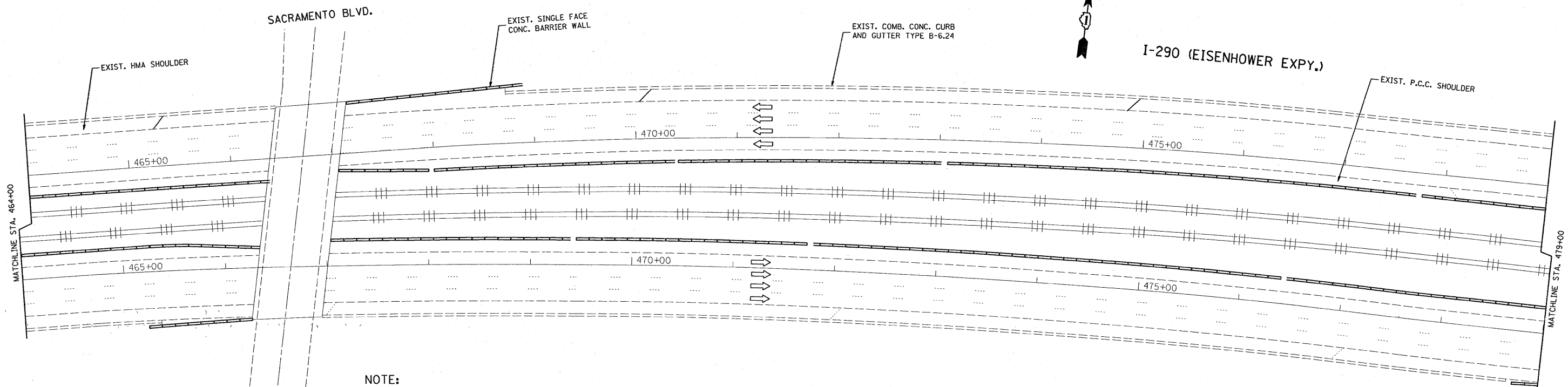
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PLOT DATE = 12/15/2008		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

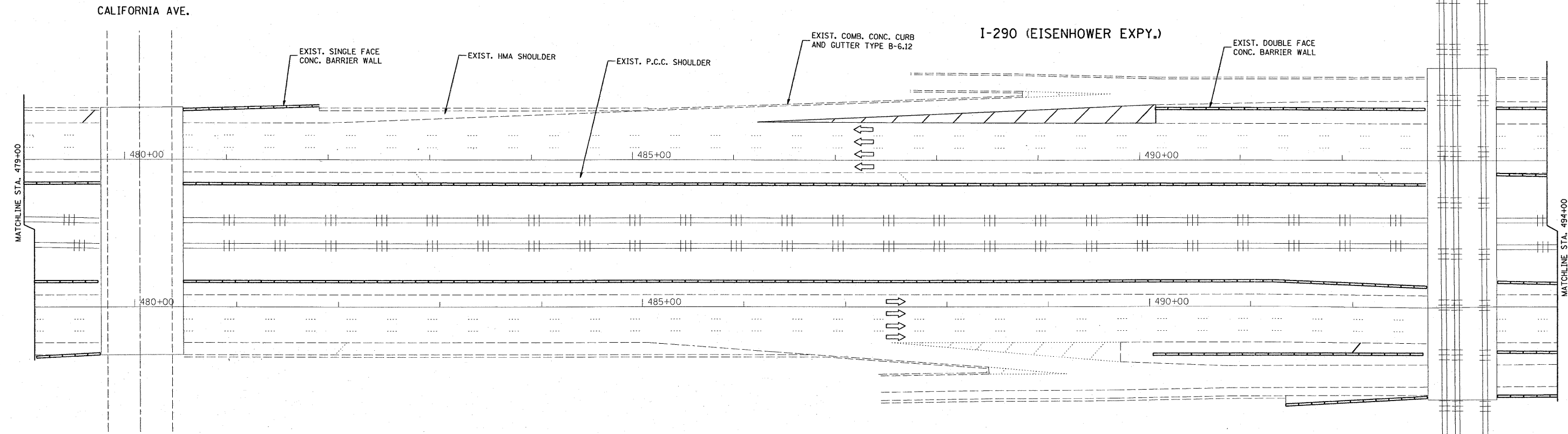
**I-290 (EISENHOWER EXPWY) 25th AVE. - I-9094  
ROADWAY PLAN**

SCALE: 1"=50'    SHEET NO. OF SHEETS    STA. TO STA.

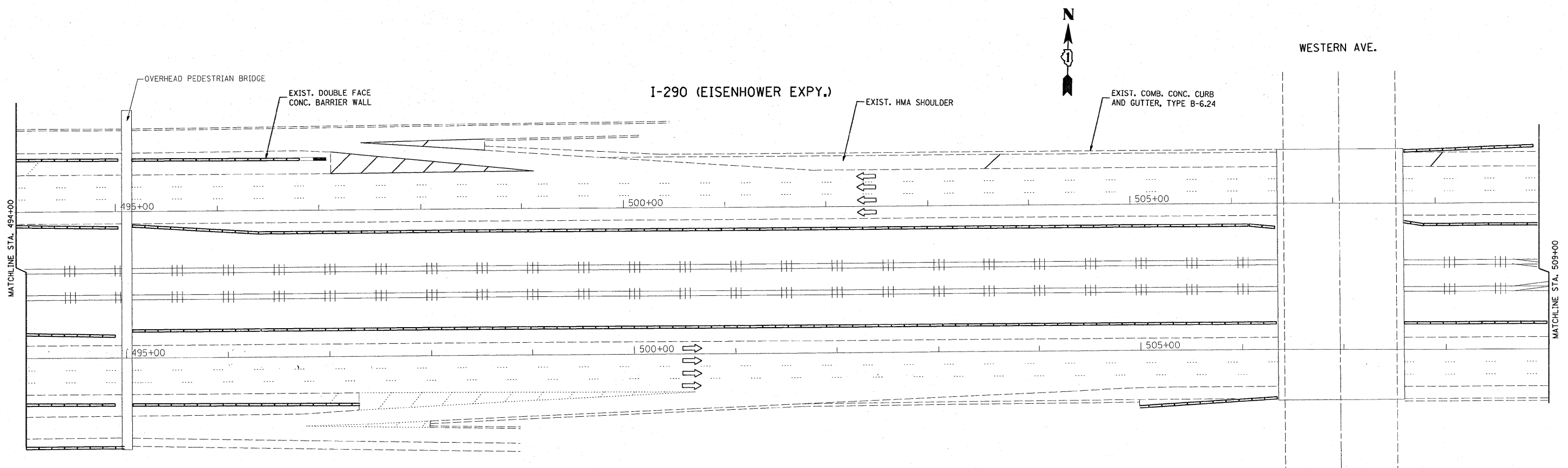
F.A.I. RTE. 290	SECTION 2008-056 I	COUNTY COOK	TOTAL SHEETS 32	SHEET NO. 19
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				
CONTRACT NO. 60F11				



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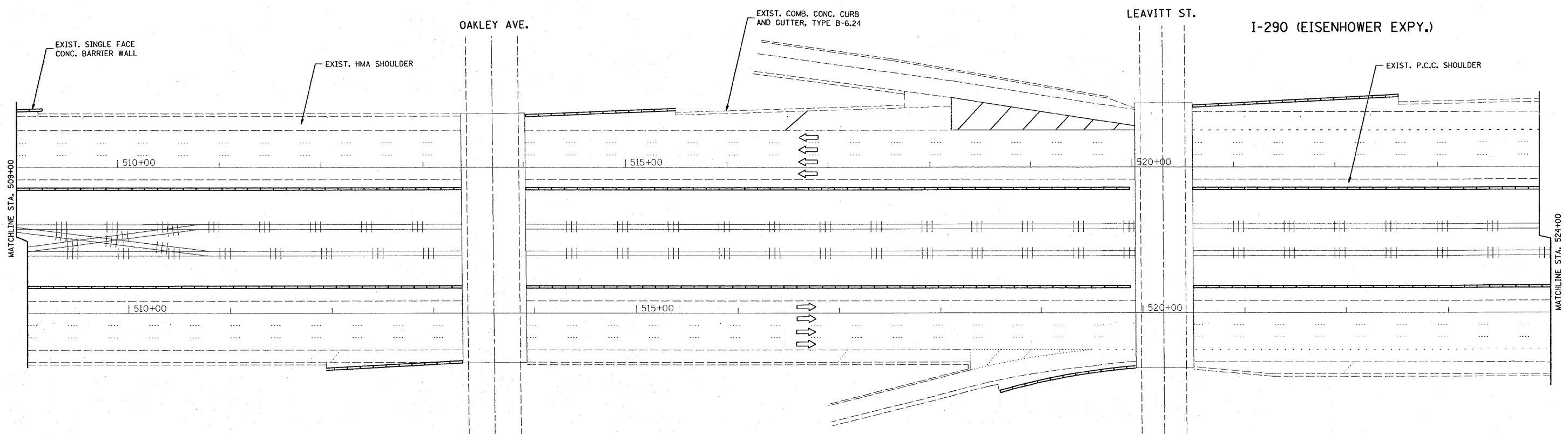


FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-290 (EISENHOWER EXPWY) 25th AVE. - I-90/94 ROADWAY PLAN</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\PWIDOT\STEEDPA\dms92445\design_00.dgn		DRAWN -	REVISED -			290	2008-056 I	COOK	32	20	
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PLOT DATE = 12/16/2008		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT    CONTRACT NO. 60F11					

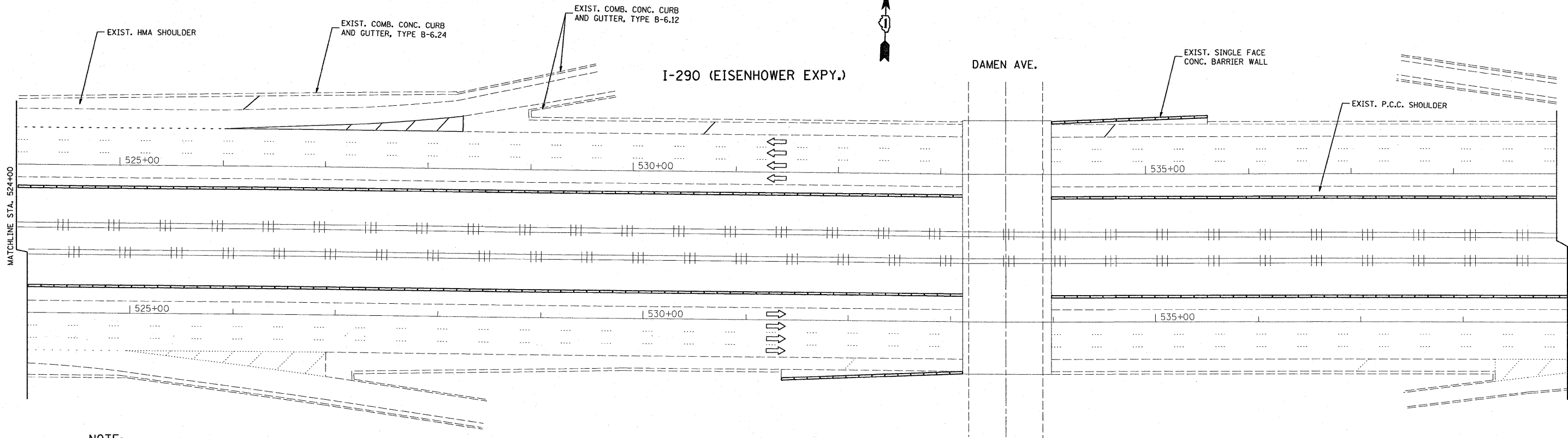


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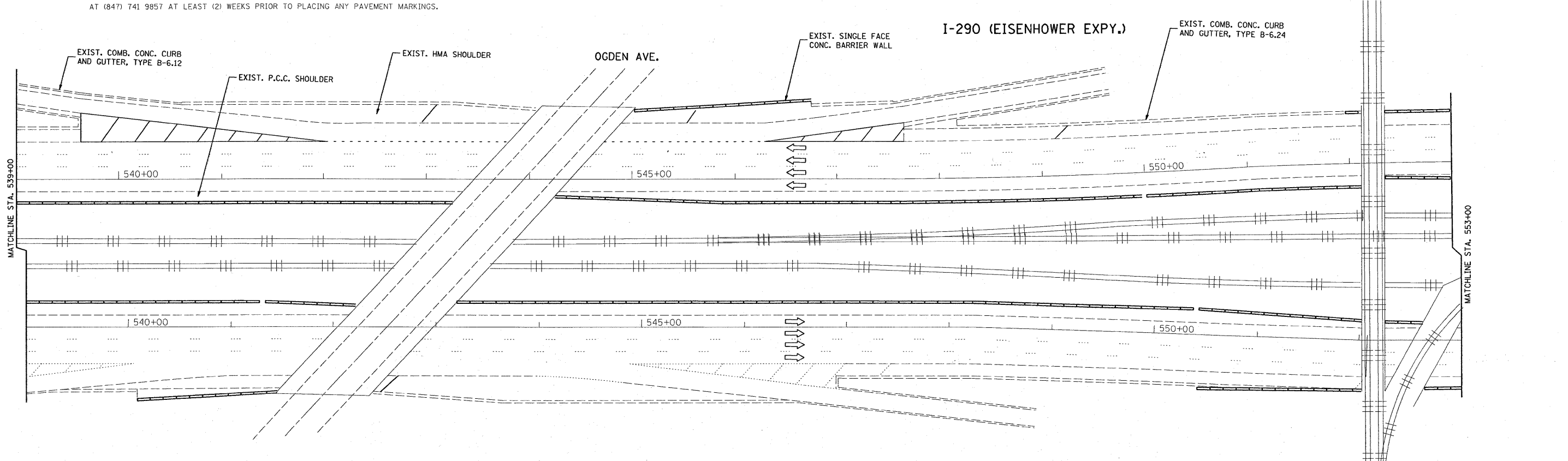


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	PLOT DATE = 12/16/2008	CHECKED -	REVISED -					CONTRACT NO. 60F11				
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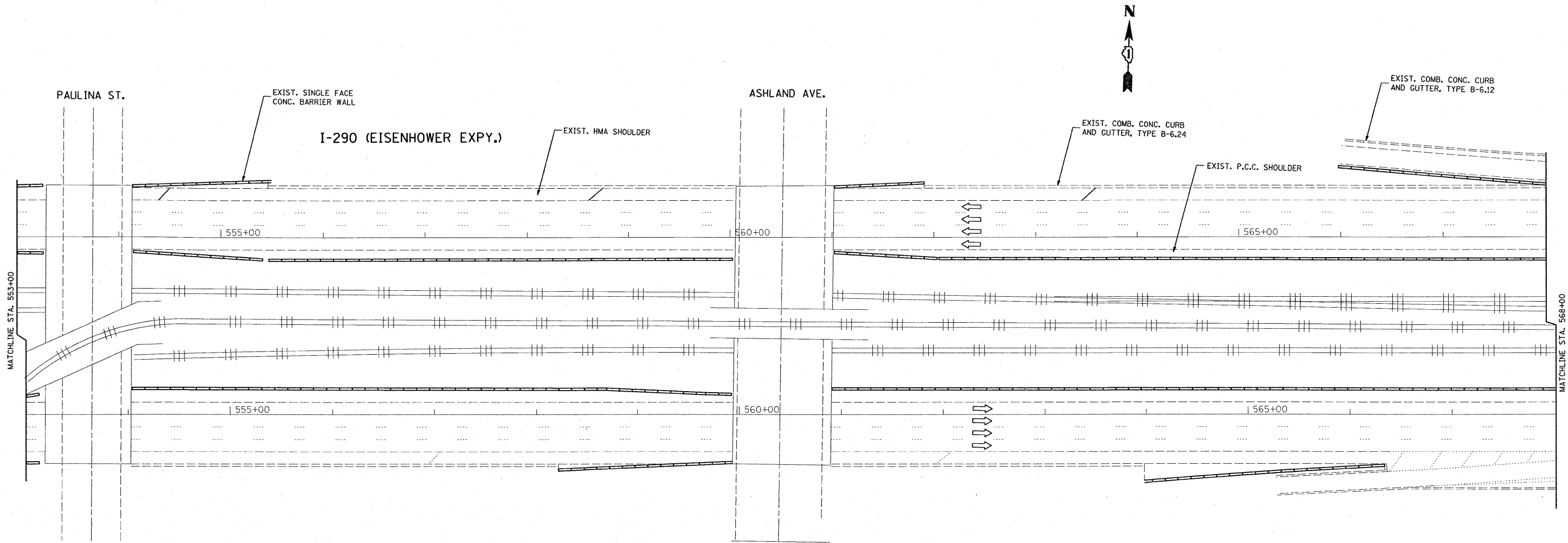


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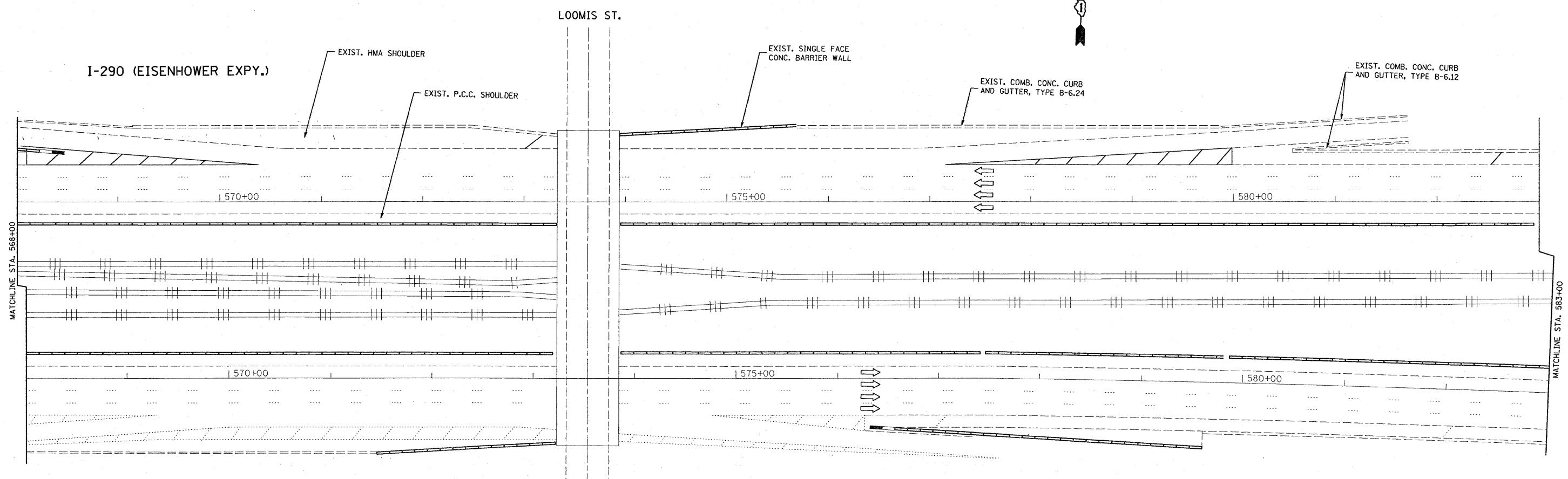
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ct:\pw_work\PWIDOT\STEEPDA\dms92445\desgn_aa.dgn		DRAWN -	REVISED -			290	2008-056 I	COOK	32	22	
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 60F11					
PLOT DATE = 12/16/2008		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
					SCALE: 1"=50'	SHEET NO. OF SHEETS STA.		TO STA.			



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FILE NAME = c:\pw_work\PW\DOT\STEEDPA\dms92445\design_00.dgn	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-290 (EISENHOWER EXPWY) 25th AVE. - I-9094 ROADWAY PLAN</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -					290	2008-056 I	COOK	32	23
	PLOT DATE = 12/16/2008	CHECKED -	REVISED -					CONTRACT NO. 60F11				
	DATE -	REVISED -		SCALE: 1"=50'	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT						



**NOTE:**

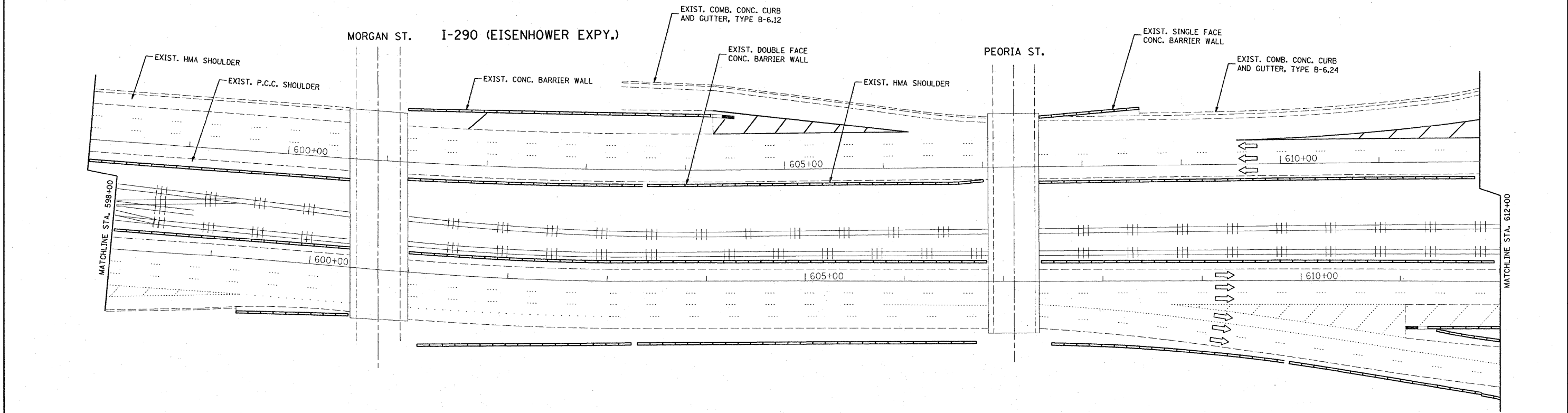
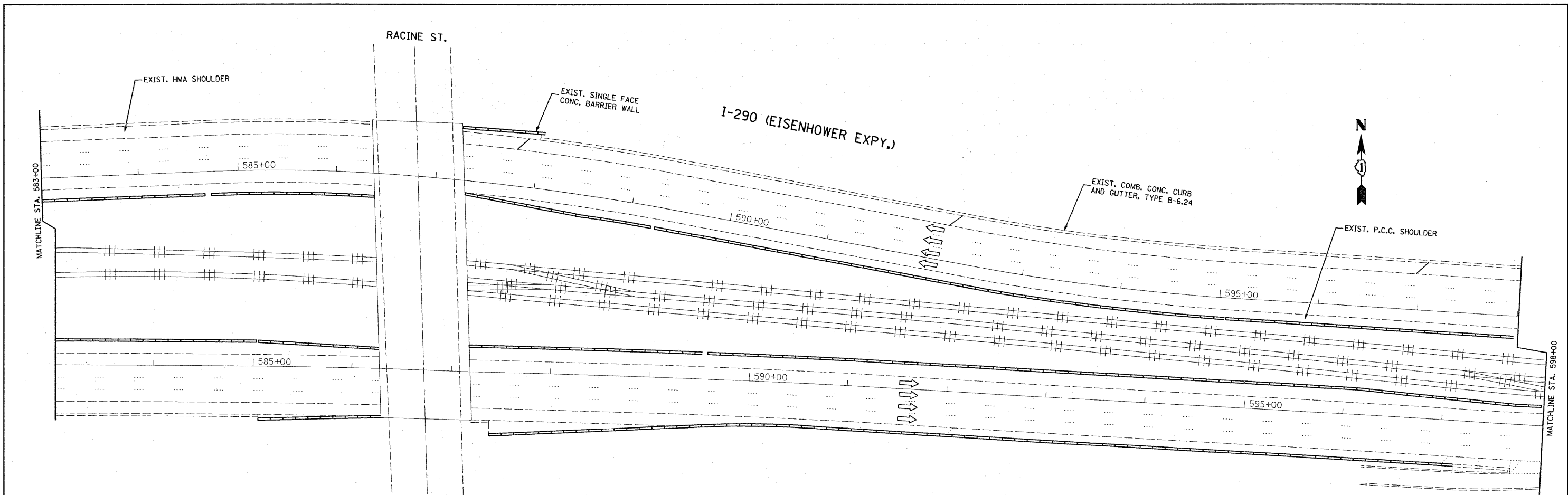
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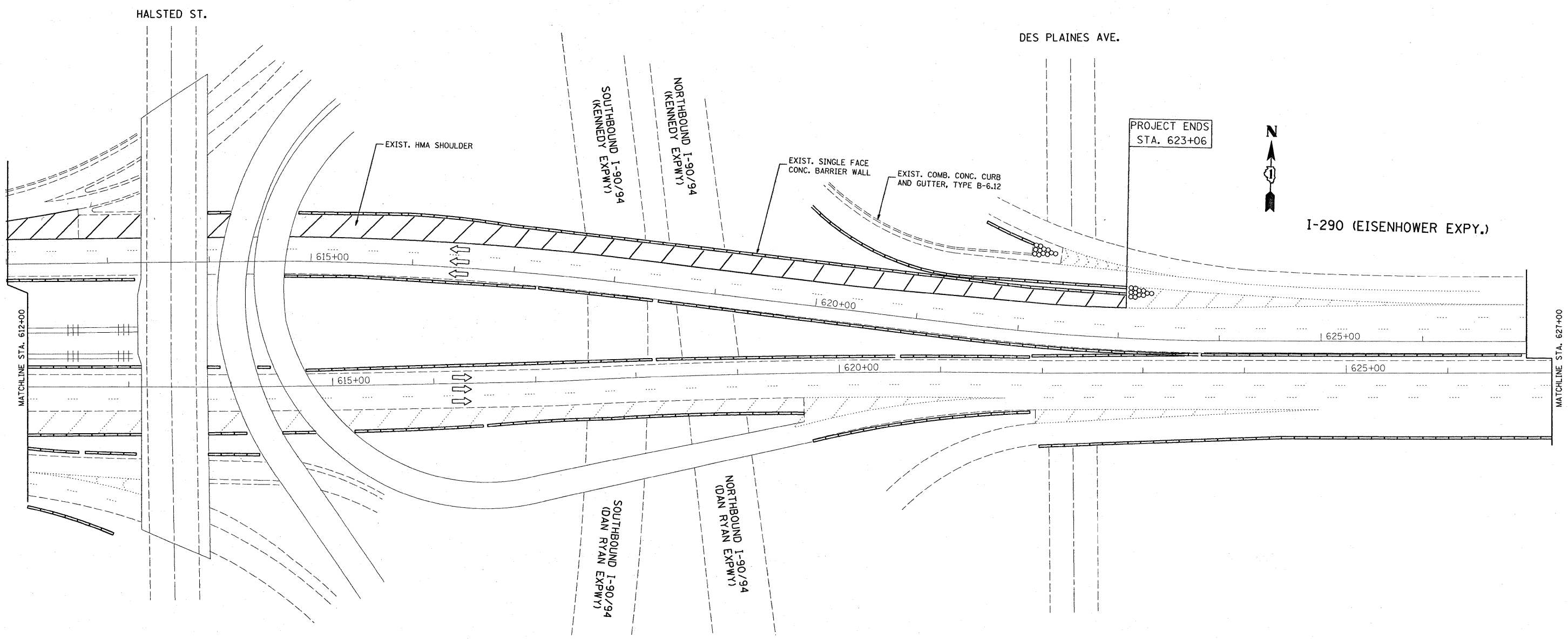
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	PLOT DATE = 12/16/2008	DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						





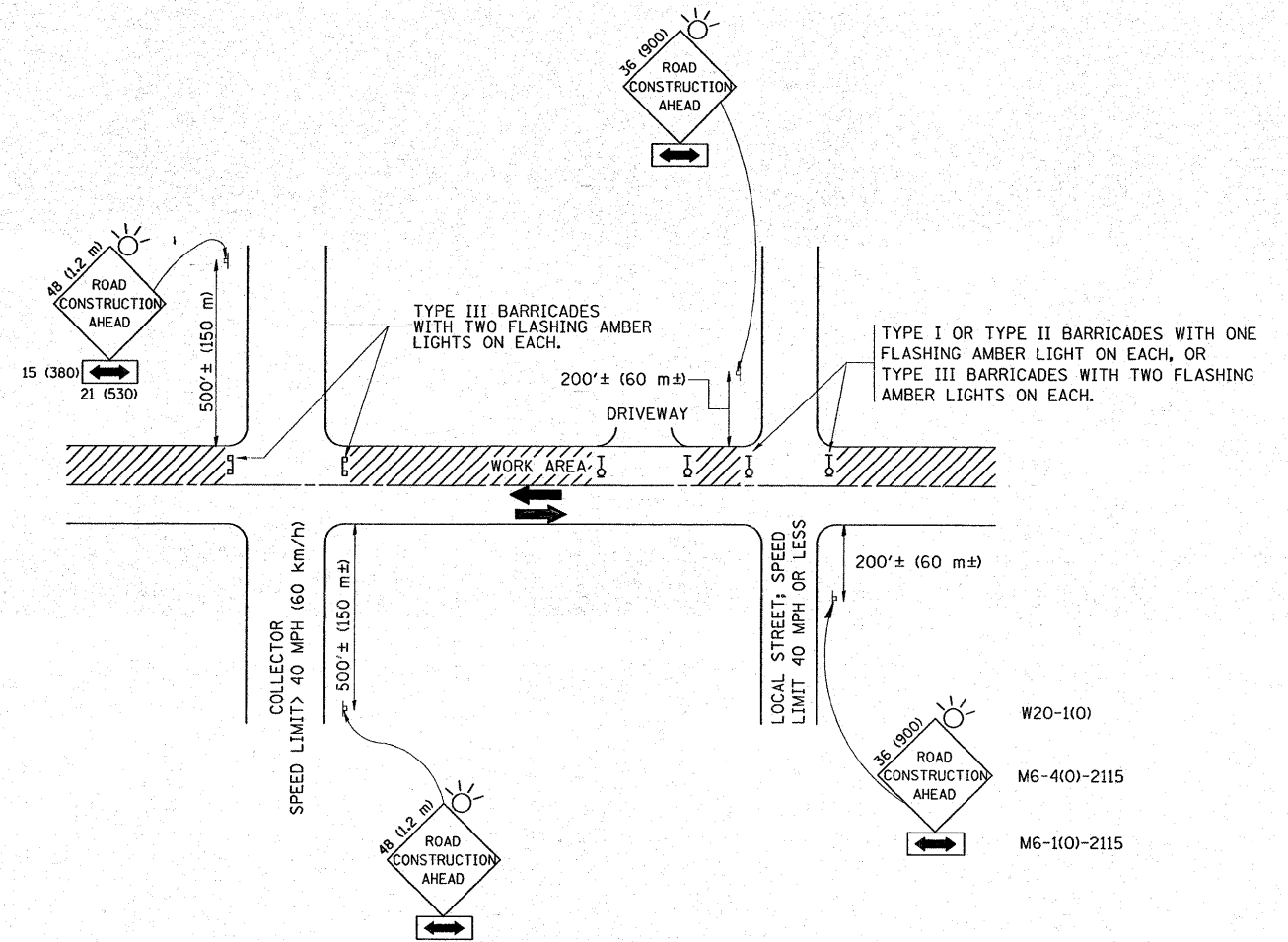
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								FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60F11		



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 THE RESIDENT ENGINEER SHALL CONTACT MR. DON CHIARUGI, AREA TRAFFIC ENGINEER AT (847) 741 9857 AT LEAST (2) WEEKS PRIOR TO PLACING ANY PAVEMENT MARKINGS.

FILE NAME = c:\pw_work\N\WIDOT\STEECPA\dms92445\desgn_00.dgn	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-290 (EISENHOWER EXPWY) 25th AVE. - I-9094 ROADWAY PLAN</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLDT SCALE = 50,0000' / IN.	DRAWN -	REVISED -					290	2008-056 I	COOK	32	26
	PLDT DATE = 12/16/2008	CHECKED -	REVISED -					CONTRACT NO. 60F11				
				SCALE: 1"=50'		SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	USER NAME = steedpa	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
c:\pwwork\pwwork\stedpa\dms92445\dist	td.dgn	DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 12/16/2008	DATE - 06-09	REVISED - T. RAMMACHER 01-06-00

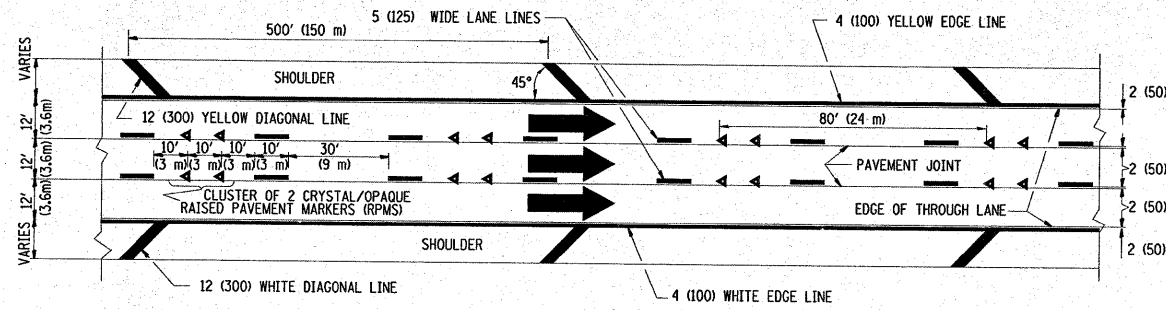
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2008-056	COOK	32	27
TC-10			CONTRACT NO. 60F11	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

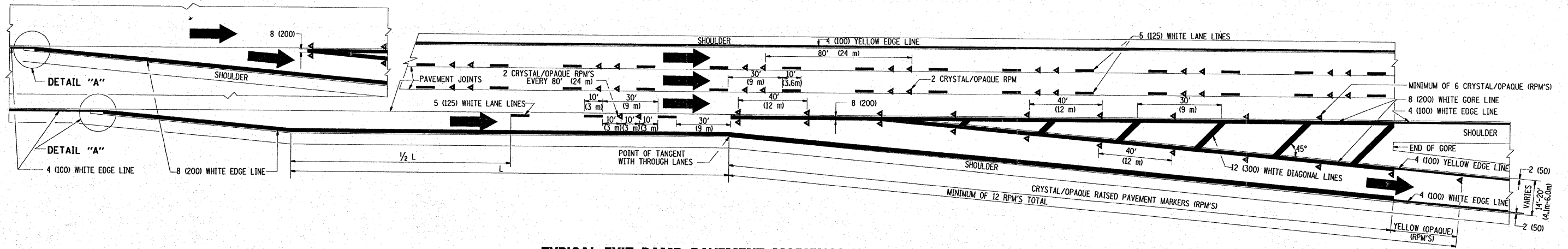
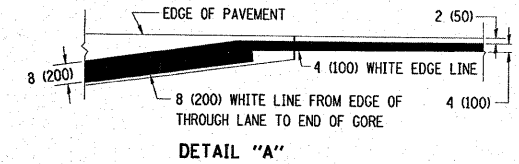
THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH  
THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH



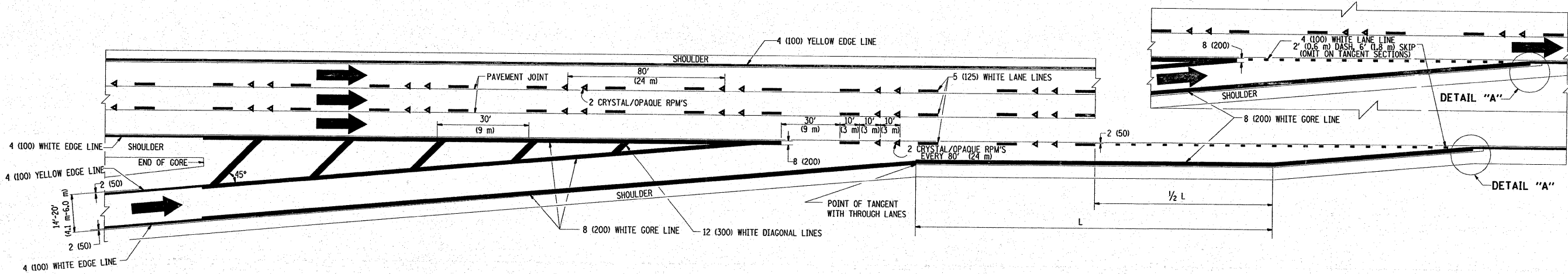
TYPICAL EDGE LINES & LANE LINES

NOTES:

1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC

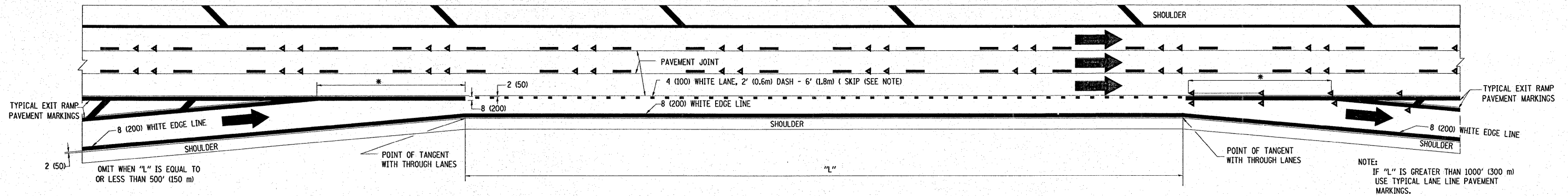


TYPICAL EXIT RAMP PAVEMENT MARKINGS

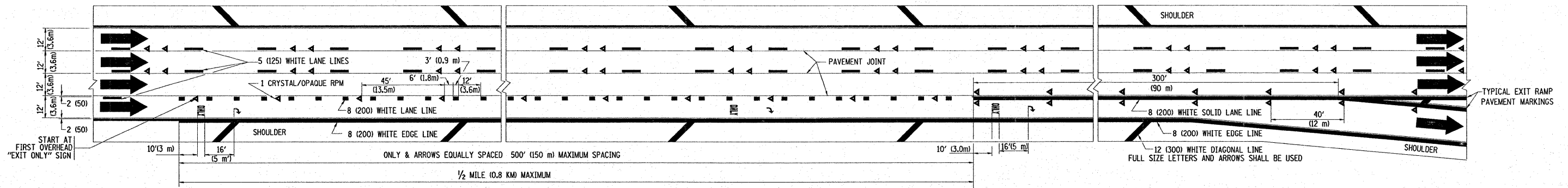


TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

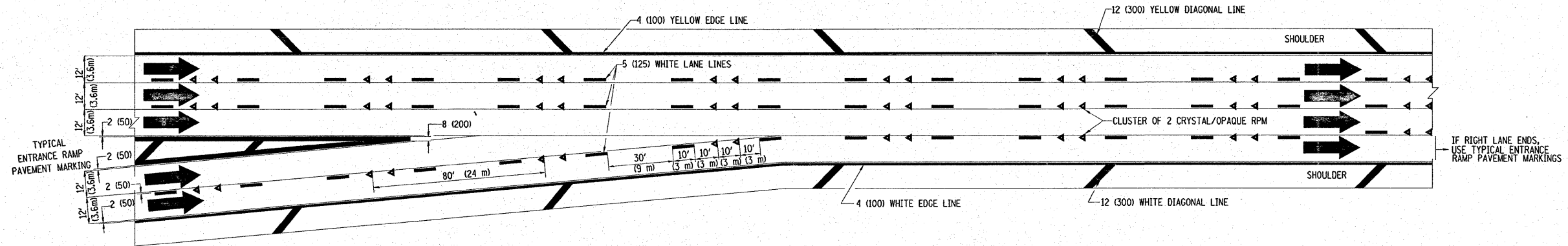
FILE NAME =	USER NAME = steedpa	DESIGNED - D.W.S.	REVISED - A.H. 03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS</b>			F.A. RTE. 290	SECTION 2008-056 1	COUNTY COOK	TOTAL SHEETS 32	SHEET NO. 28
c:\pwork\pwork\stedpa\dms92445\Dist\d.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - D.W.S. 07-96		SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	<b>TC-12</b>		CONTRACT NO. 60FH	
	PLOT DATE = 12/16/2008	CHECKED -	REVISED - J.A.F. 02-06		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - 01-90	REVISED - S.P.B. 01-07									



**TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS**



**TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS**

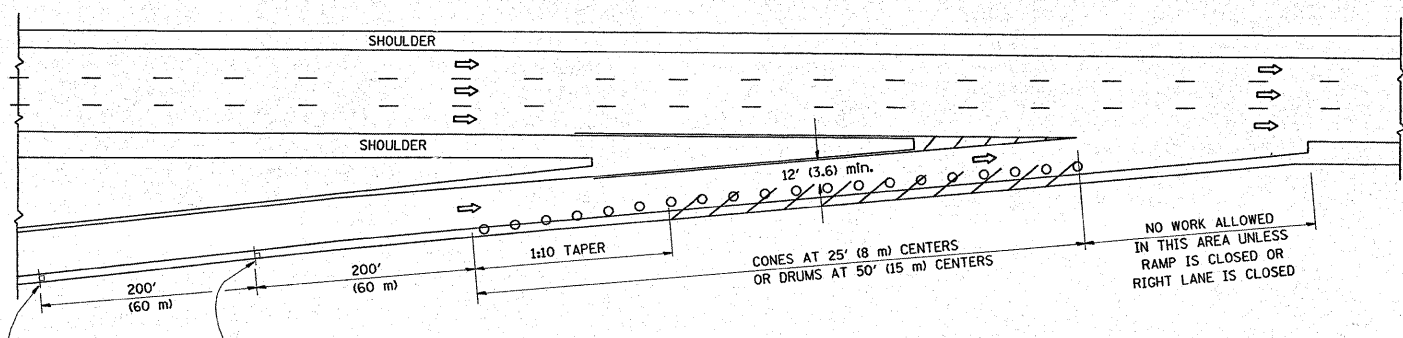


**TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS**

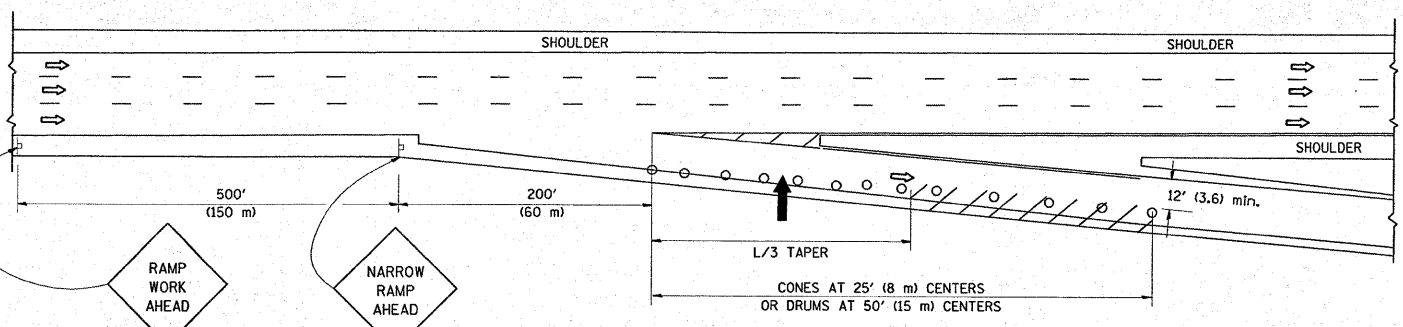
FILE NAME =	USER NAME = steedpa	DESIGNED - D.W.S.	REVISED - A.H. 03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS</b>			F.A. RTE. = 290	SECTION = 2008-056 I	COUNTY = COOK	TOTAL SHEETS = 32	SHEET NO. = 29
c:\pw_work\pwidot\stedpa\dms92445\Dist\td.dgn	PLOT SCALE = 50.0000 "/ IN.	DRAWN -	REVISED - D.W.S. 07-96		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	<b>TC-12</b>				
PLOT DATE = 12/16/2008	DATE = 01-90	CHECKED -	REVISED - J.A.F. 02-06		CONTRACT NO. 60F11							
		DATE = 01-90	REVISED - S.P.B. 01-07		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

### PARTIAL RAMP CLOSURE DETAILS

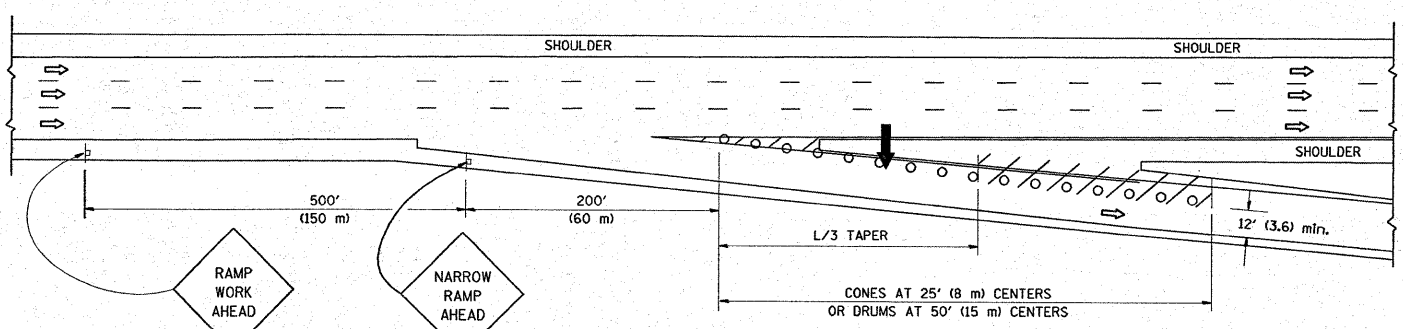
### SHOULDER CLOSURE DETAILS



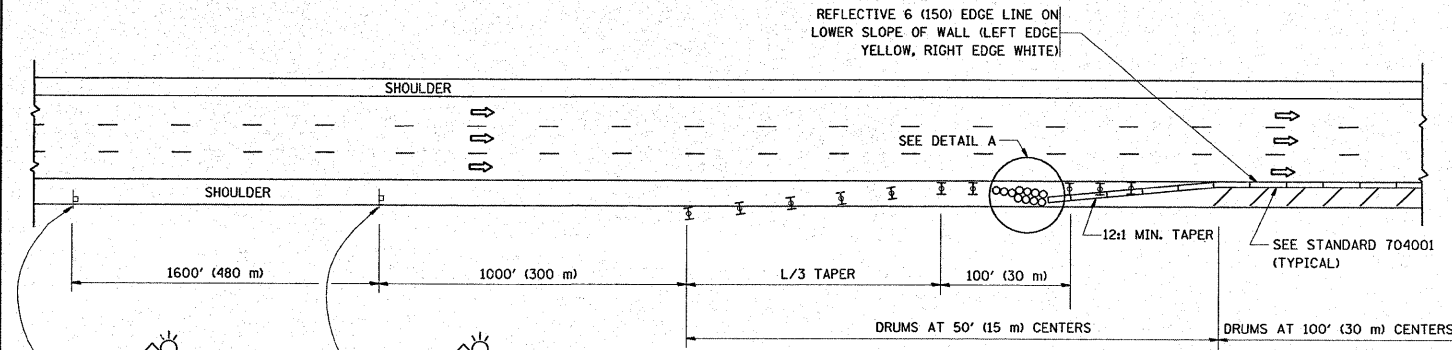
TYPICAL ENTRANCE RAMP



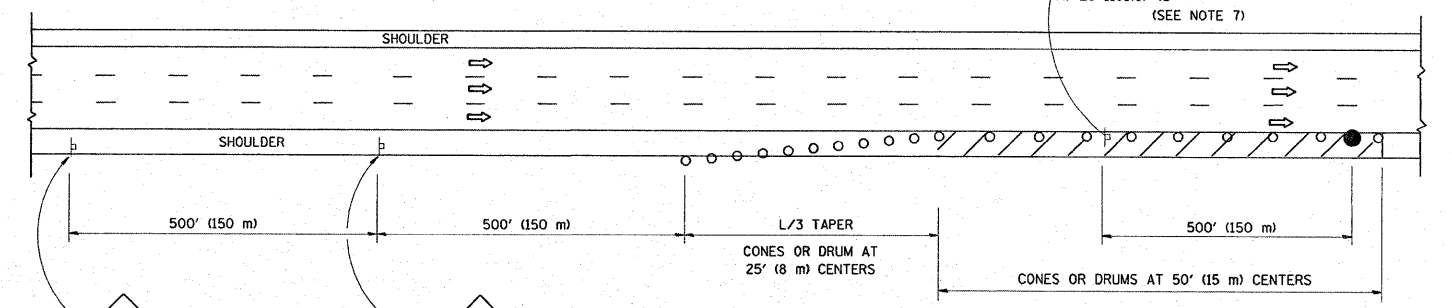
TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

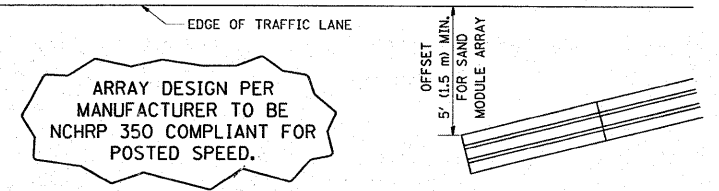


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:  
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"  
 IMPACT ATTENUATOR, TEMPORARY  
 (SEE NOTE 5)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

**SYMBOLS**

- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

**GENERAL NOTES**

1. THE "L" DISTANCE EQUALS:  
 SPEED LIMIT FORMULAS  
 45 mph (80 km/h) METRIC ENGLISH  
 OR GREATER: L=0.65(W)(S) L=(W)(S)  
 W = WIDTH OF OFFSET IN FEET (METERS)  
 S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE "TRAFFIC BARRIER TERMINAL, TYPE III, TEMPORARY" DEVICE TO MEET NCHRP 350 FOR POSTED SPEED.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
  - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
  - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED - J.A.F. 12-02	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd:\pw-work\pwr\dtd\stedpa\dms92445\0131std.dgn		DRAWN - D.W.S.	REVISED - 04-03		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	290	2008-056 1	COOK	32	31
		CHECKED -	REVISED - J.A.F. 12-06					<b>TC-17</b>		CONTRACT NO. 60FH			
		DATE - 11-96	REVISED - S.P.B. 01-07					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					