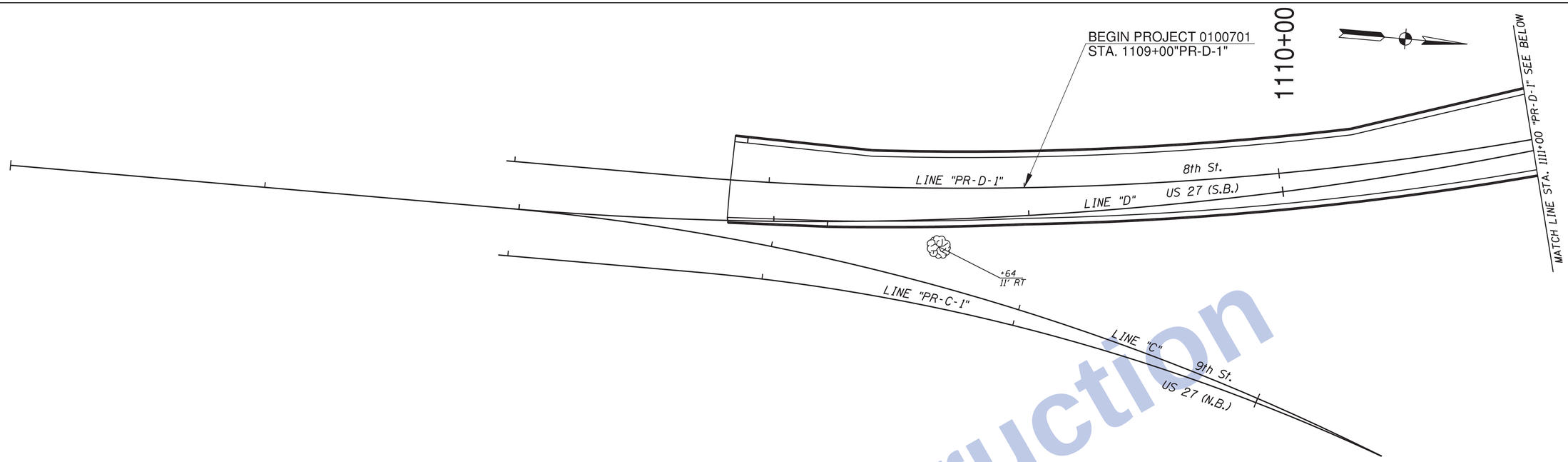
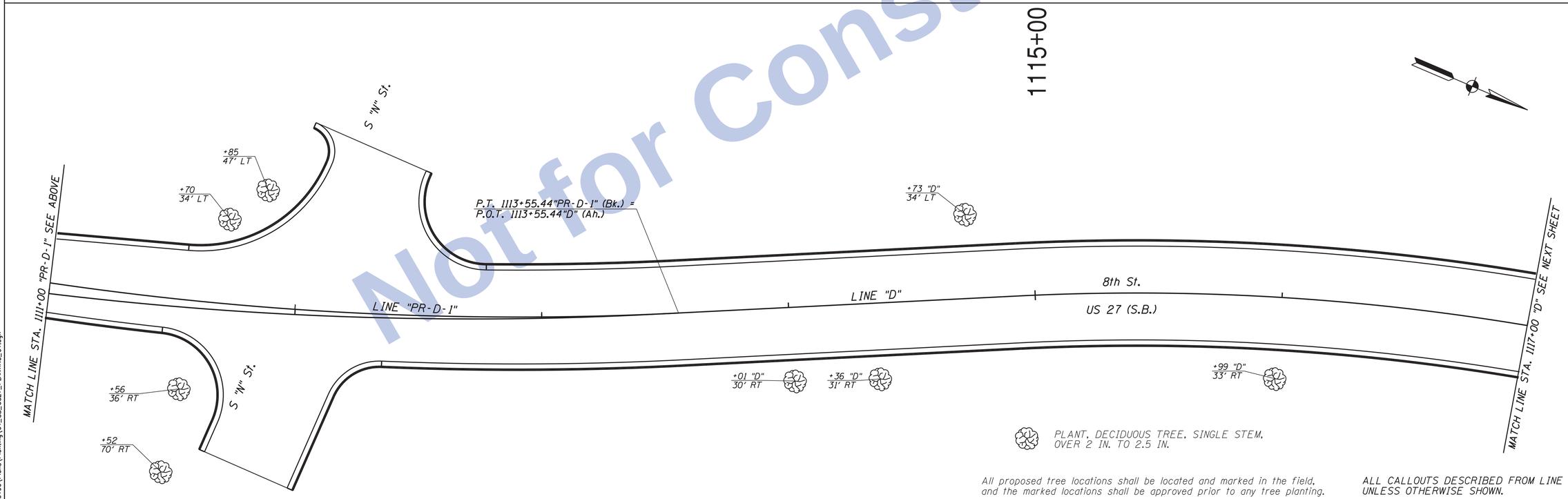


ALL CALLOUTS DESCRIBED FROM LINE "PR-D-1", UNLESS OTHERWISE SHOWN.



All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "PR-D-1", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

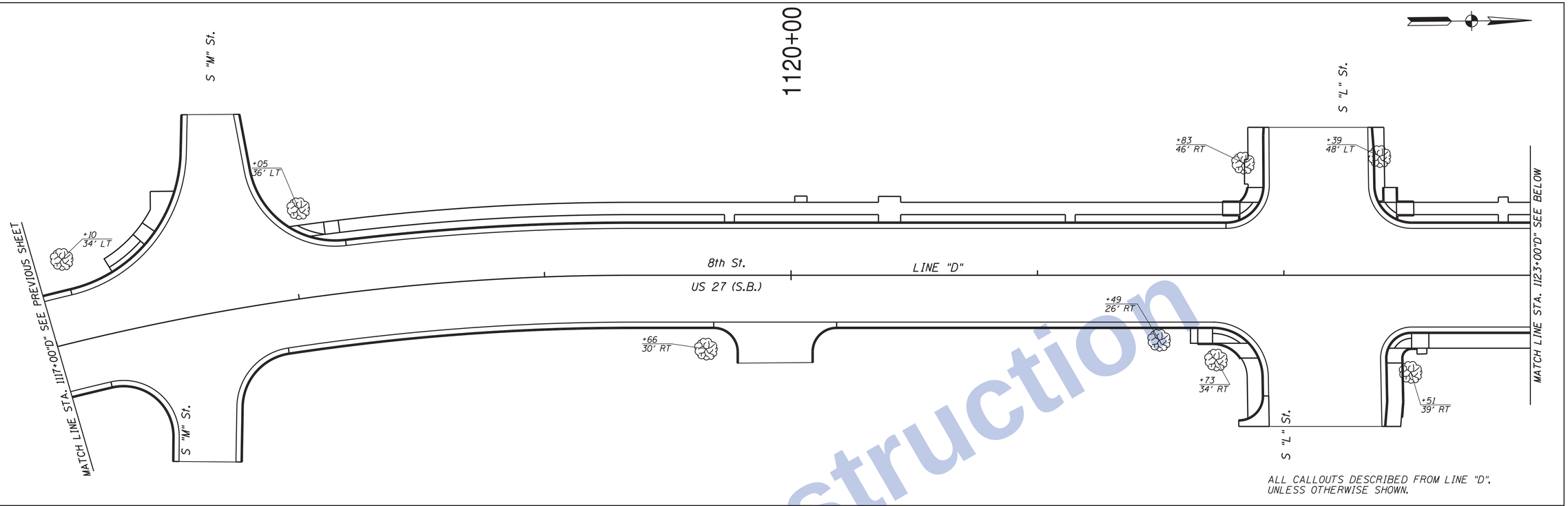
DESIGNED: JAL | DRAWN: MP
CHECKED: RBI | CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

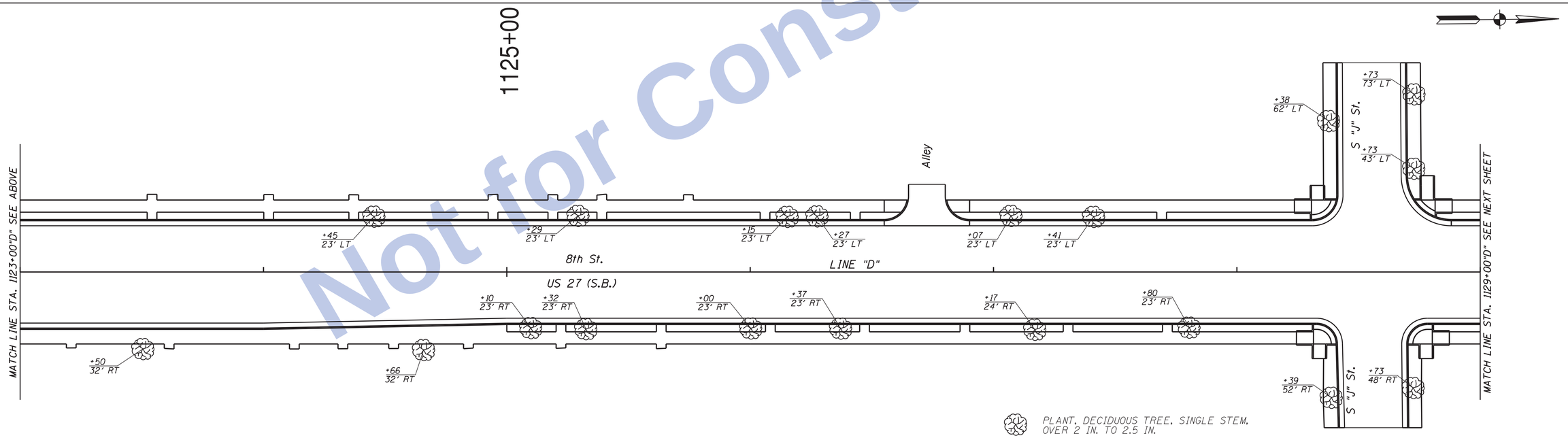
TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	168 of 278
CONTRACT	PROJECT
R-30397	0100701

12:57:47 PM 8/26/2016 P:\10170190\Plans\Planting\01_SB_US27_PLANTING_01.dgn



ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.



PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.

All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	169 of 278
CONTRACT	PROJECT
R-30397	0100701

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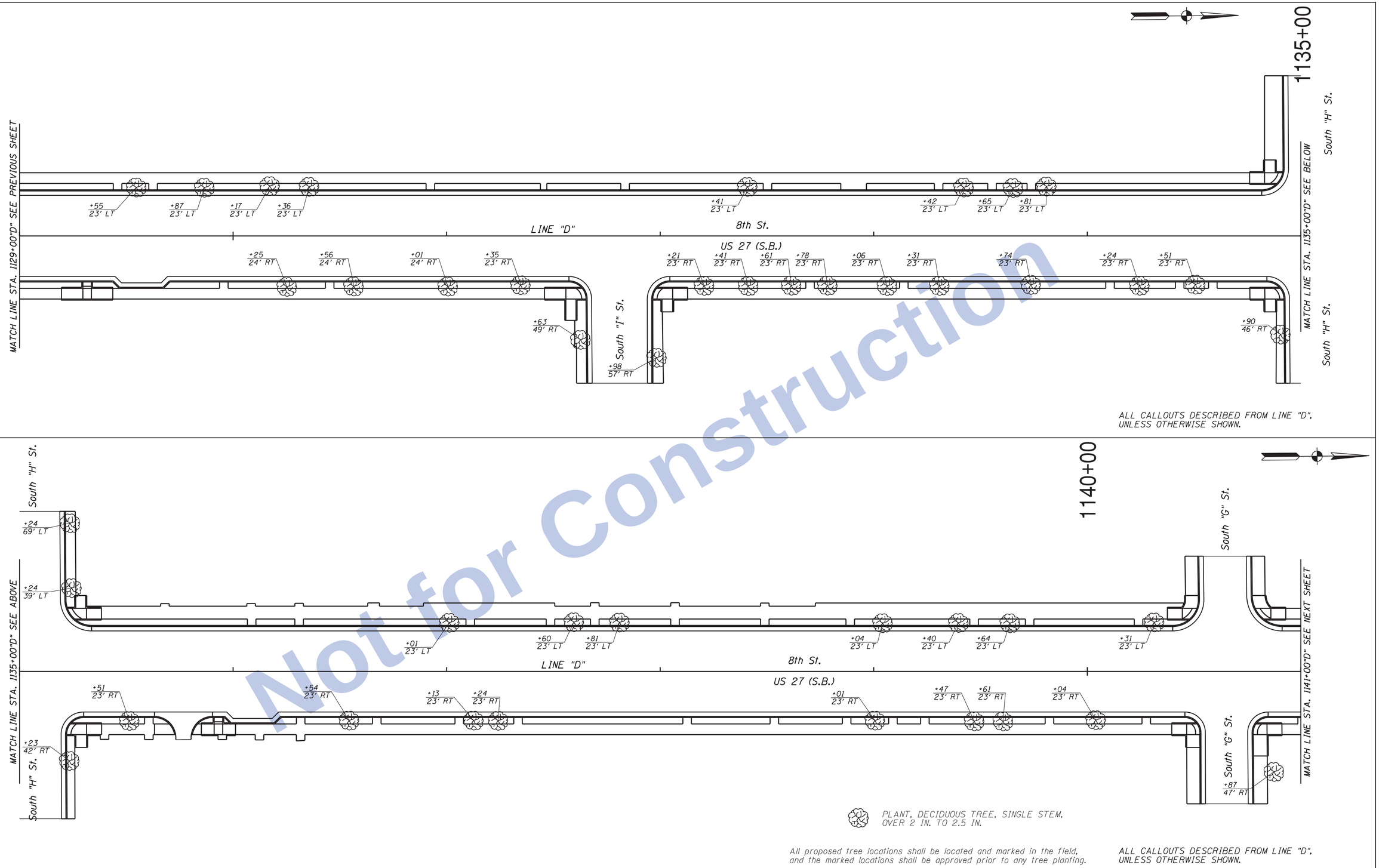

Not for Construction

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Clark Dietz
ENGINEERS

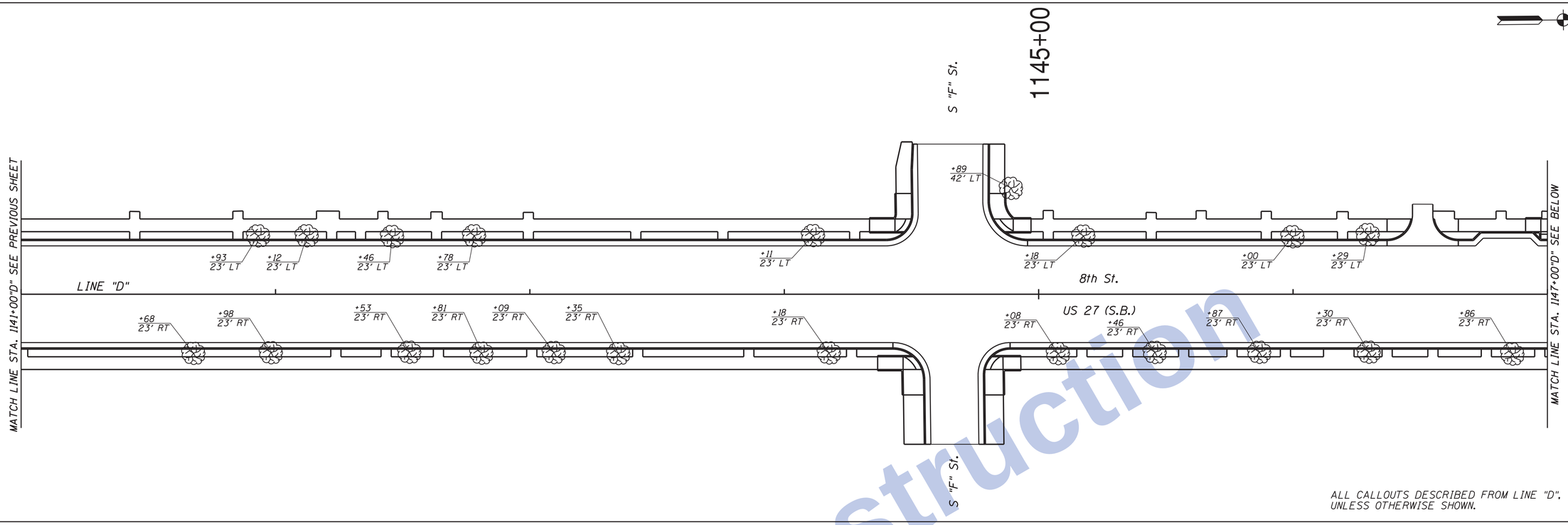
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	170 of 278
CONTRACT	PROJECT
R-30397	0100701



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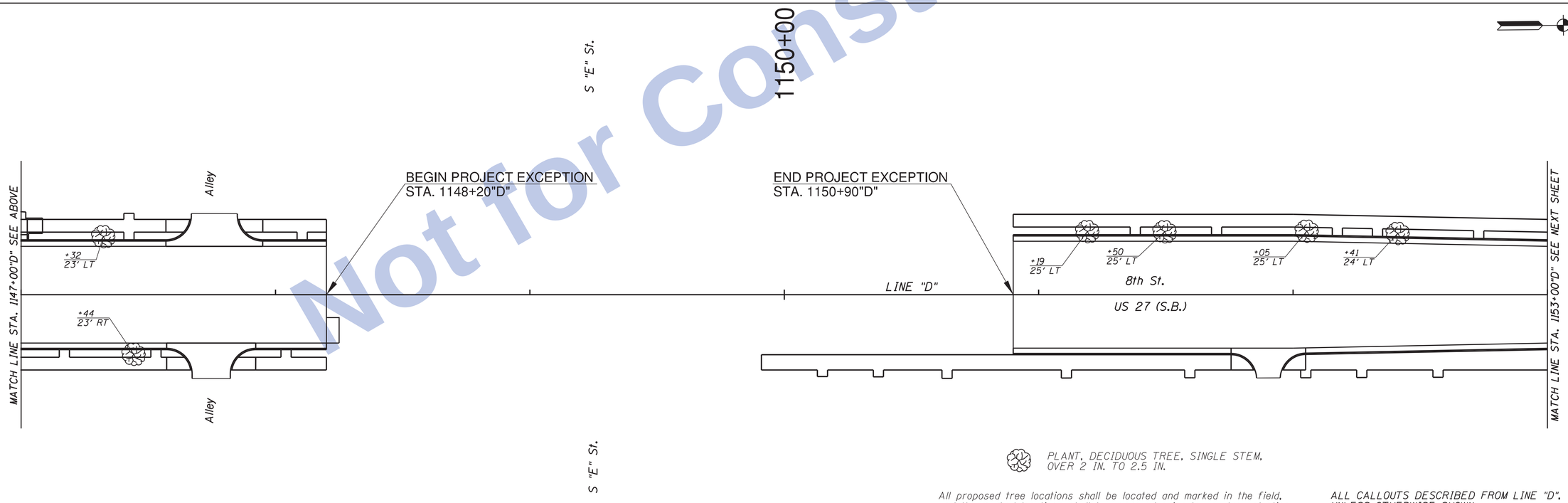

PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.

All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP

CHECKED: RBI CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	171 of 278
CONTRACT	PROJECT
R-30397	0100701

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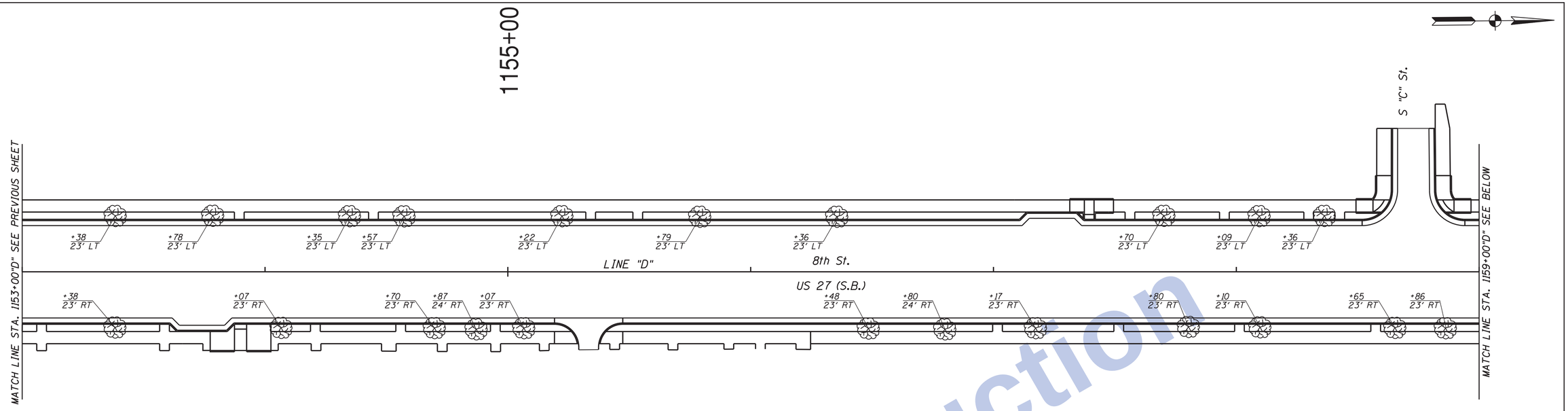
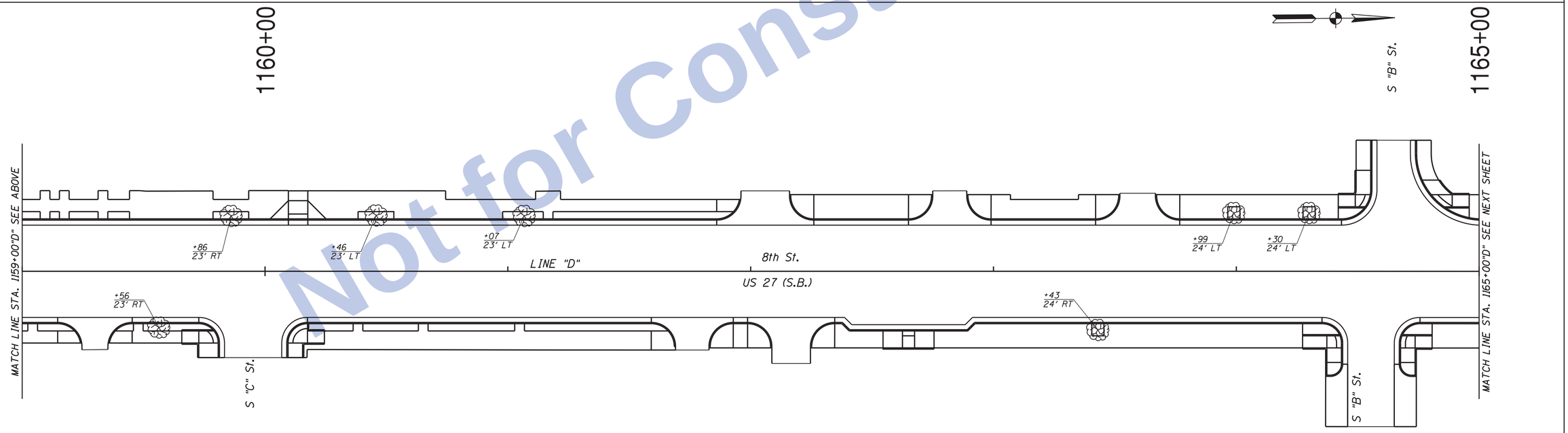


ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.



TREE GRATE, 60 IN. X 60 IN.

PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.

All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP

CHECKED: RBI CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	172 of 278
CONTRACT	PROJECT
R-30397	0100701

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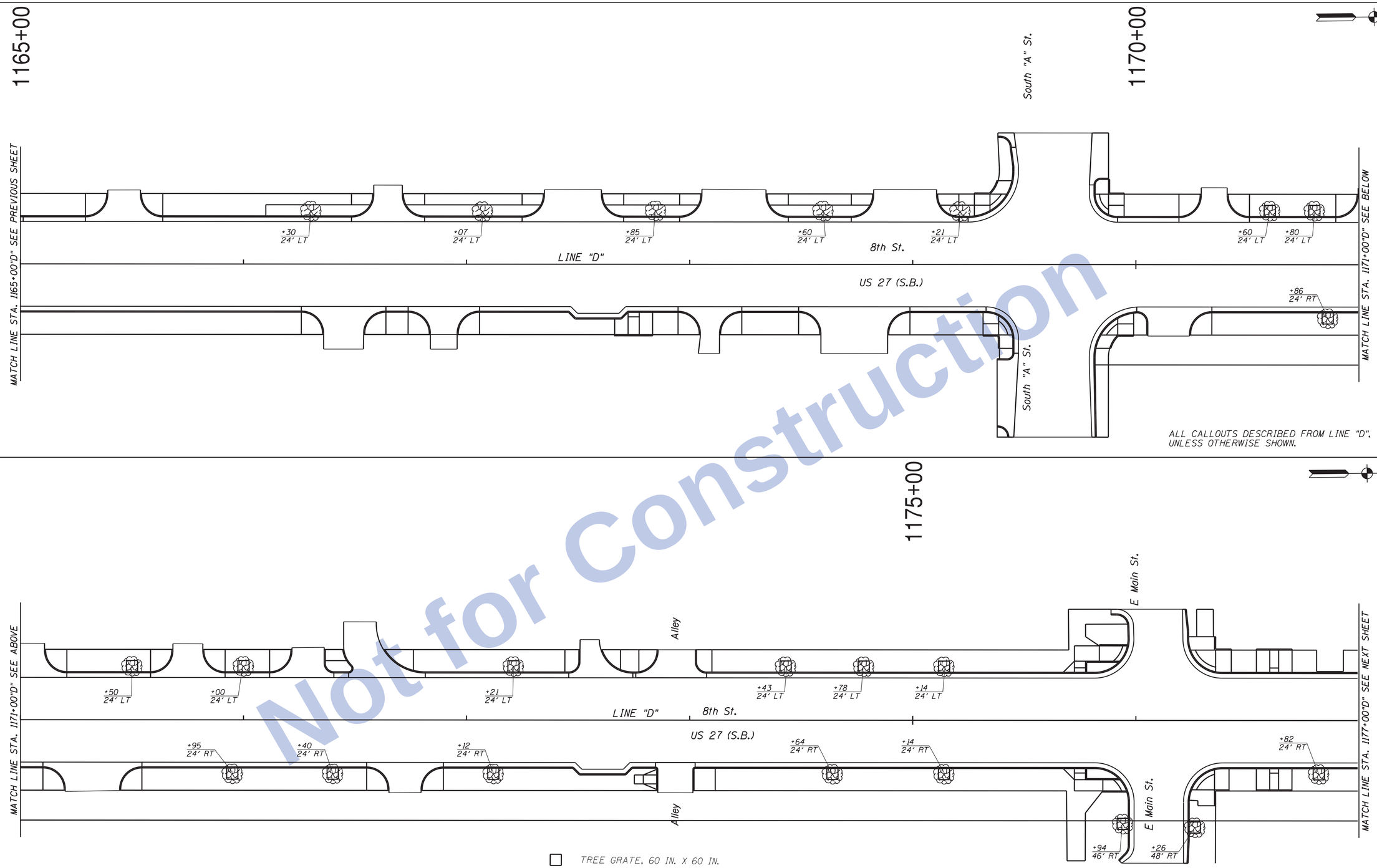

TREE GRATE, 60 IN. X 60 IN.

PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.

All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP

CHECKED: RBI CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	173 of 278
CONTRACT	PROJECT
R-30397	0100701

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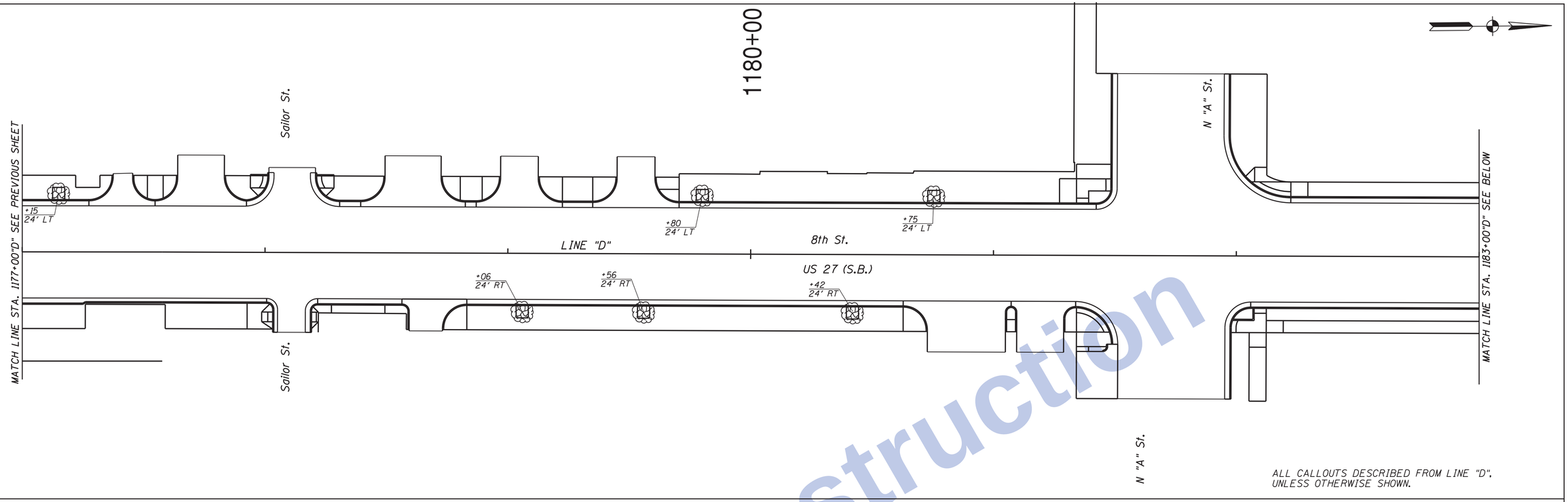

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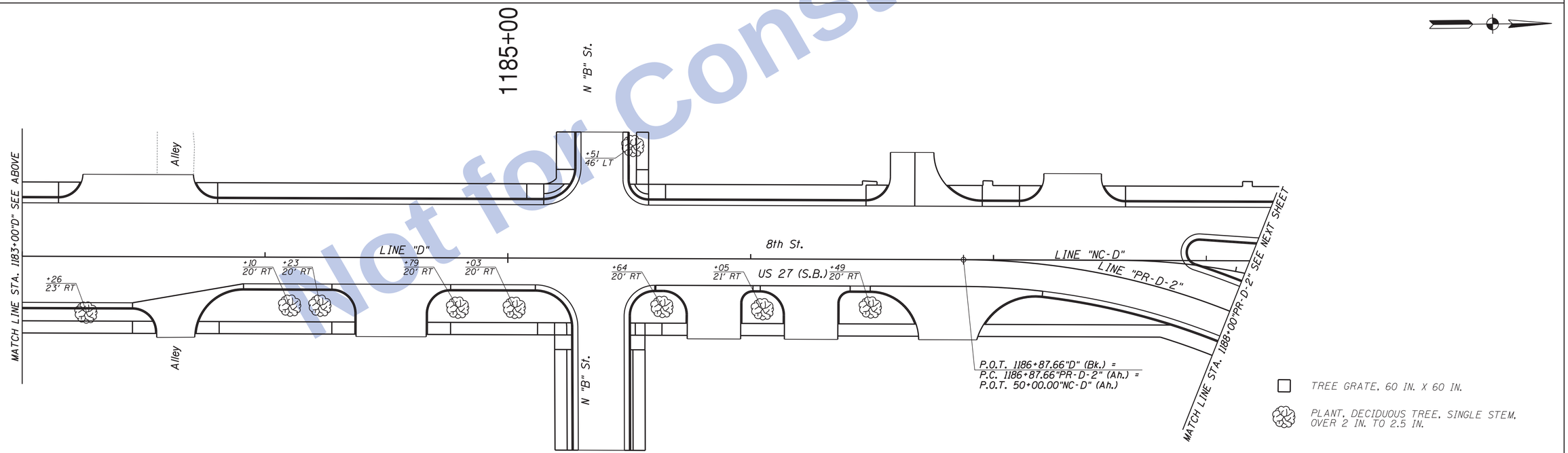

TREE GRATE, 60 IN. X 60 IN.

PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.

All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP

CHECKED: RBI CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	174 of 278
CONTRACT	PROJECT
R-30397	0100701

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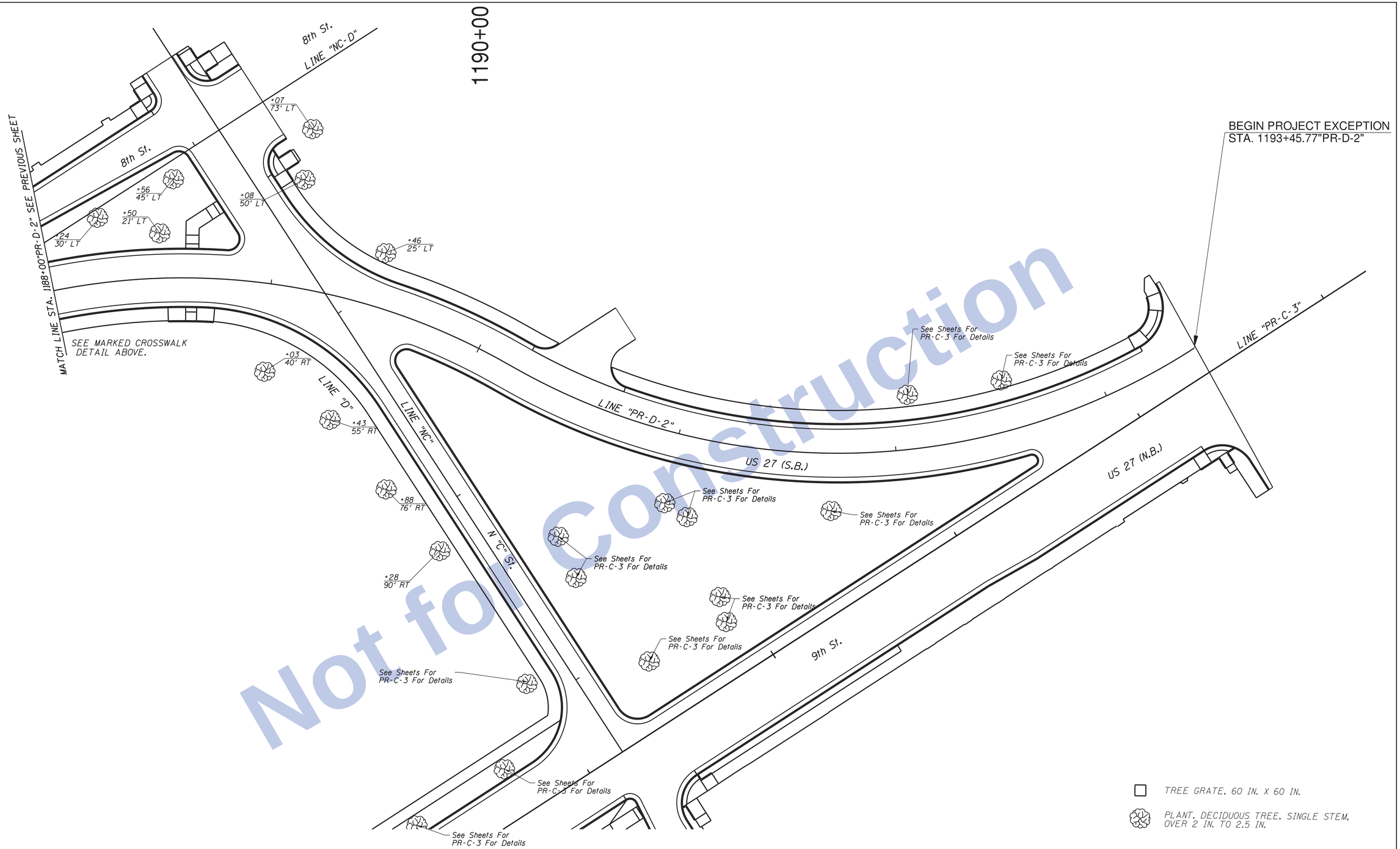

Not for Construction

All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "PR-D-2", UNLESS OTHERWISE SHOWN.

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	175 of 278
CONTRACT	PROJECT
R-30397	0100701

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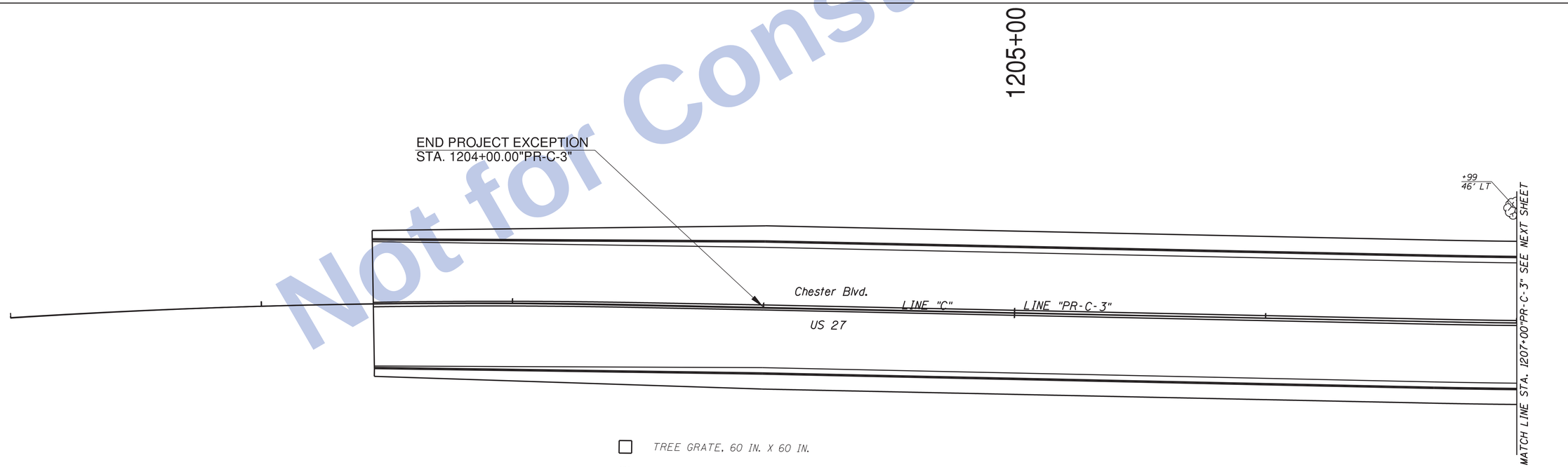

TREE GRATE, 60 IN. X 60 IN.

PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.

All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	176 of 278
CONTRACT	PROJECT
R-30397	0100701

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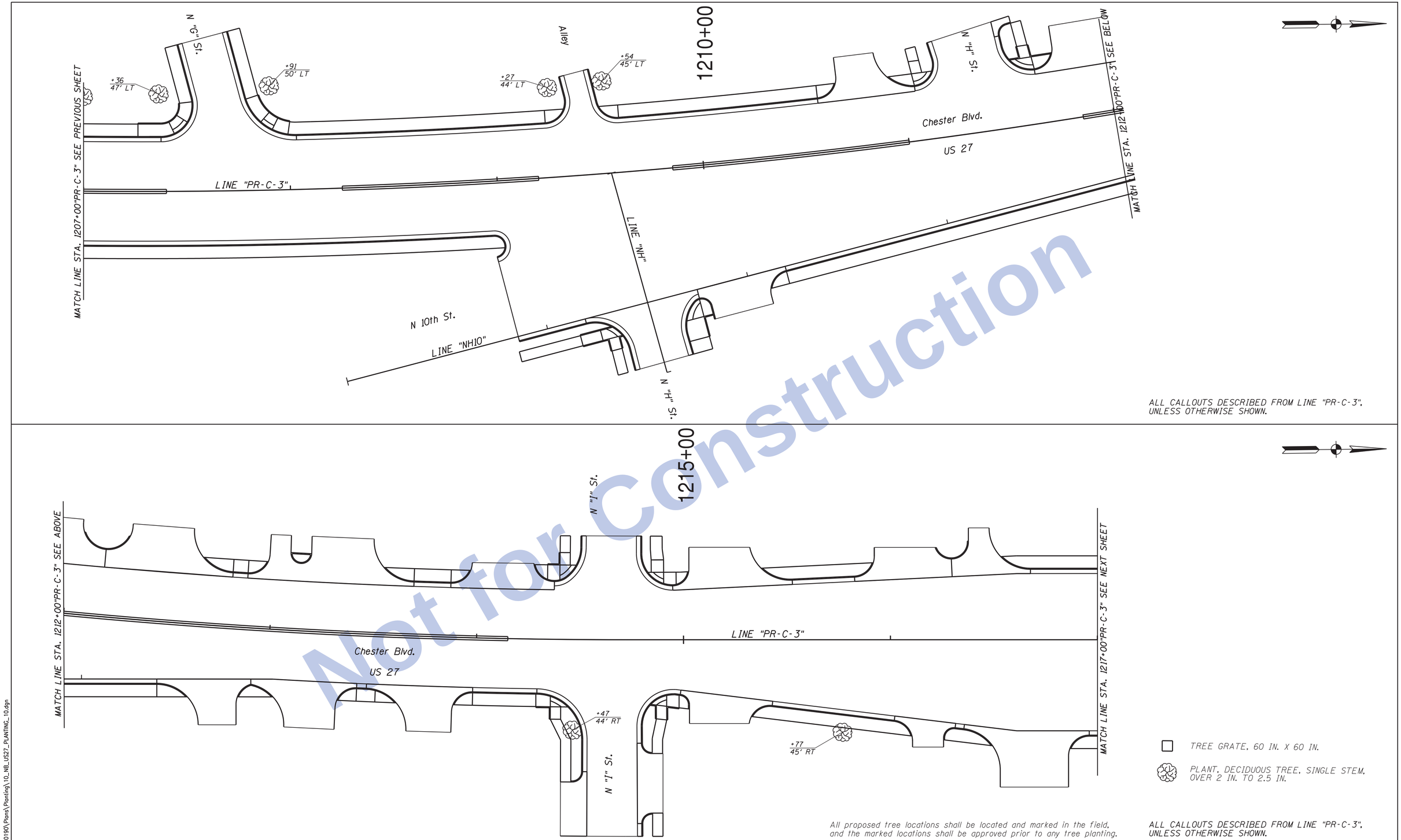

ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.

TREE GRATE, 60 IN. X 60 IN.

PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.

All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP

CHECKED: RBI CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	177 of 278
CONTRACT	PROJECT
R-30397	0100701

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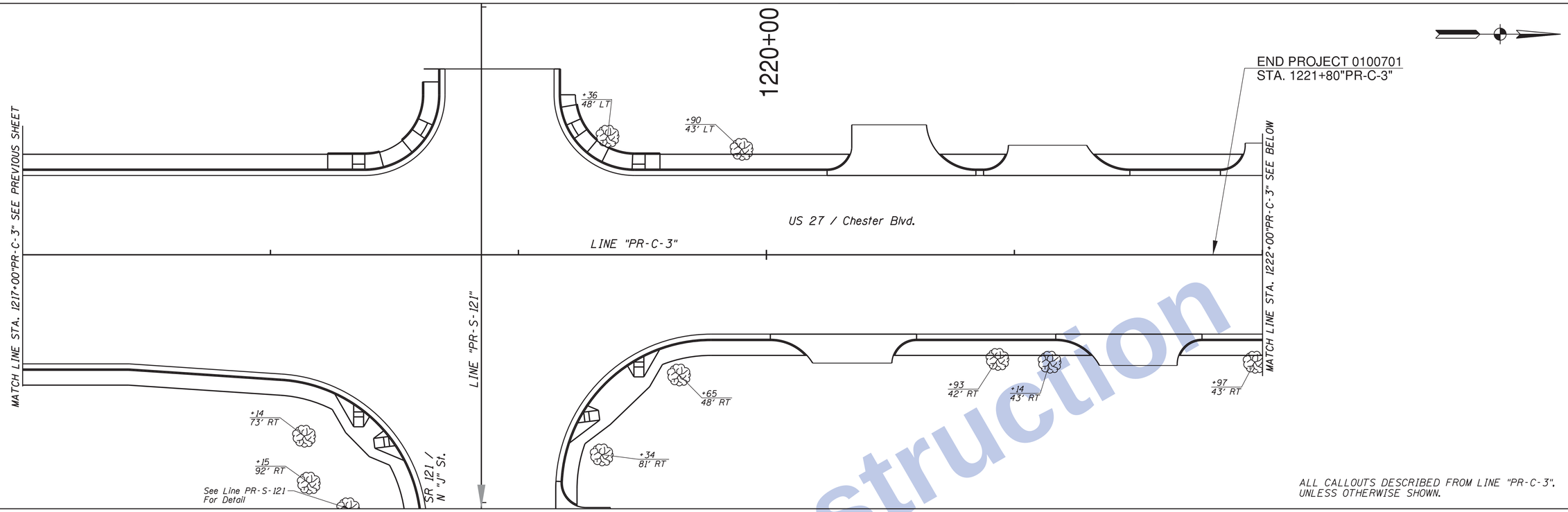

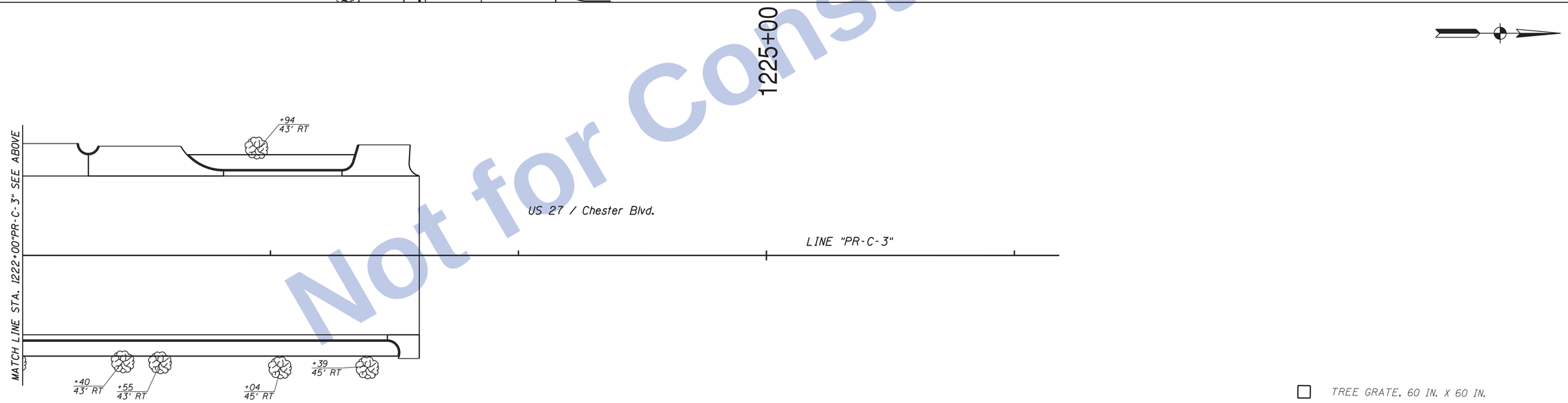

TREE GRATE, 60 IN. X 60 IN.

PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.

All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	178 of 278
CONTRACT	PROJECT
R-30397	0100701

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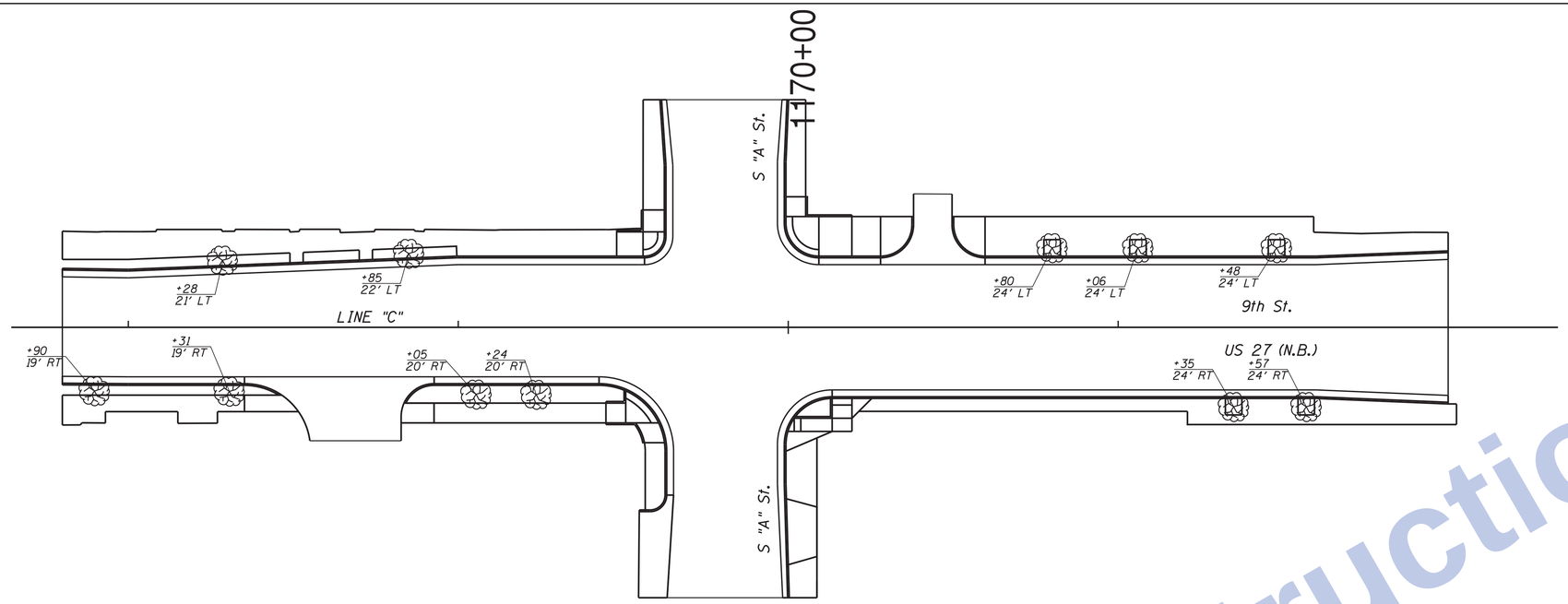

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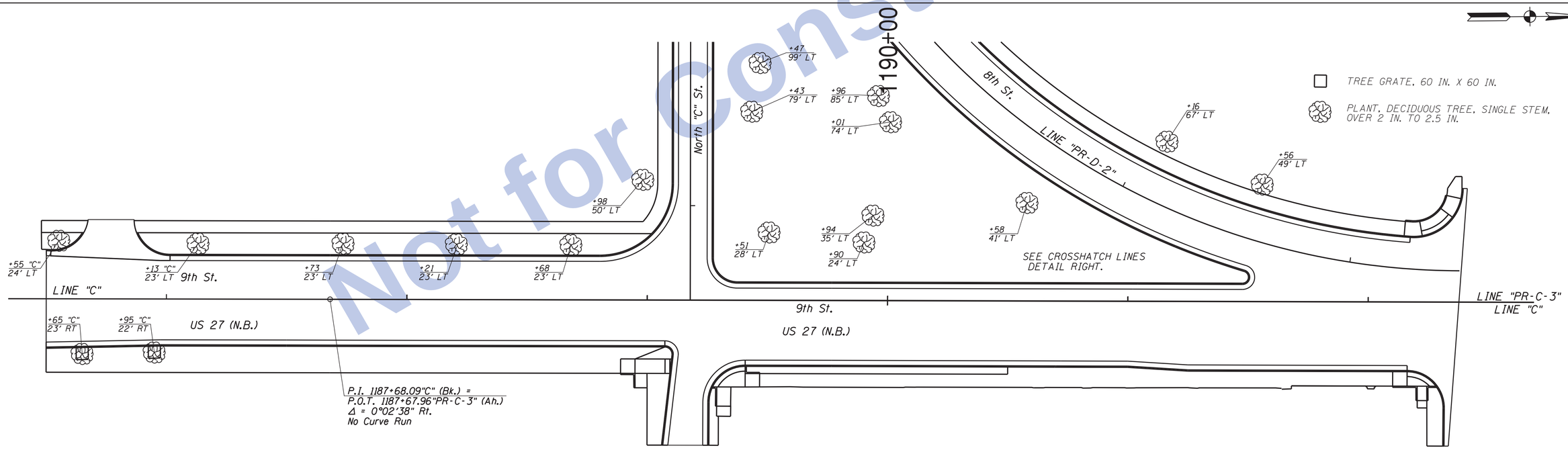


All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.

Not for Construction

12:58:02 PM 8/26/2016 P:\0170190\Plans\Planting\12_NB_US27_PLANTING_09.dgn

Clark Dietz
ENGINEERS

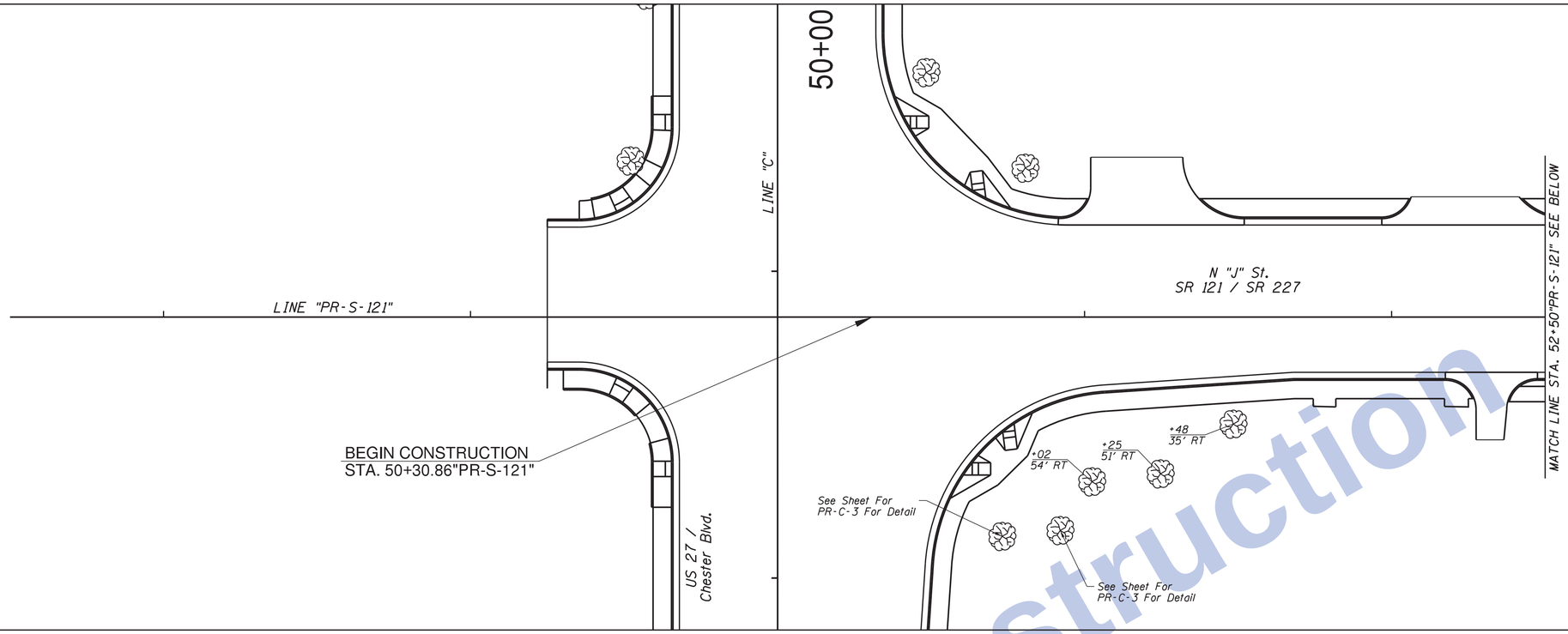
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	179 of 278
CONTRACT	PROJECT
R-30397	0100701



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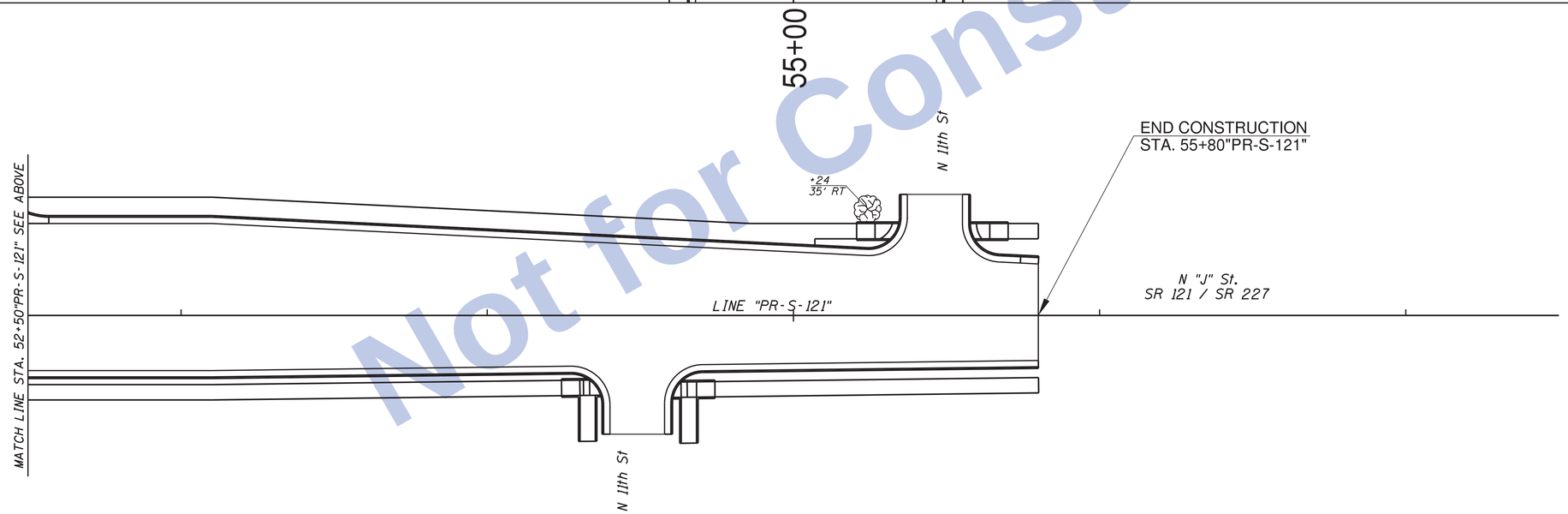

TREE GRATE, 60 IN. X 60 IN.

PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.

All proposed tree locations shall be located and marked in the field, and the marked locations shall be approved prior to any tree planting.

ALL CALLOUTS DESCRIBED FROM LINE "PR-S-121", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL | DRAWN: MP
CHECKED: RBI | CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

TREE LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	180 of 278
CONTRACT	PROJECT
R-30397	0100701

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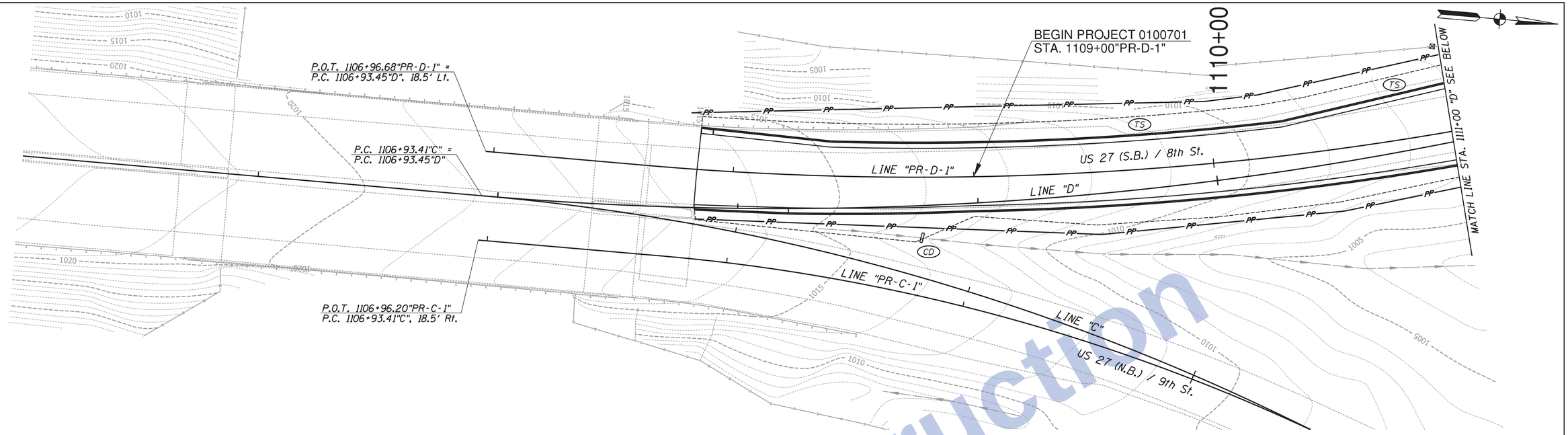

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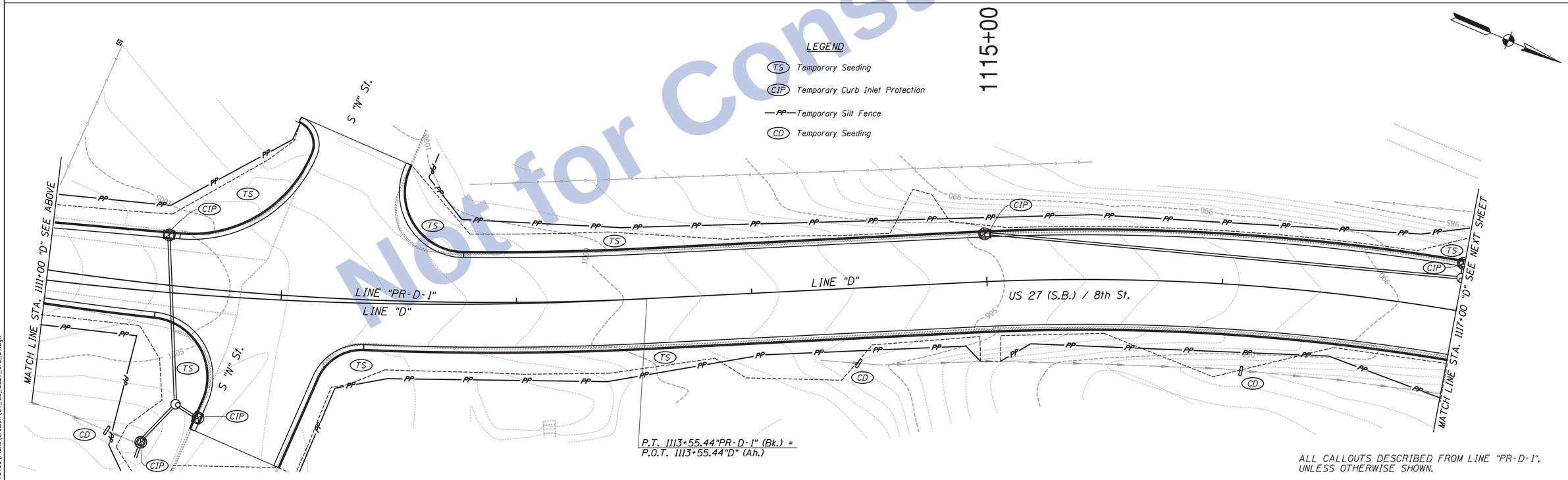

ALL CALLOUTS DESCRIBED FROM LINE "PR-D-1", UNLESS OTHERWISE SHOWN.

Not for Construction

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Clark Dietz ENGINEERS

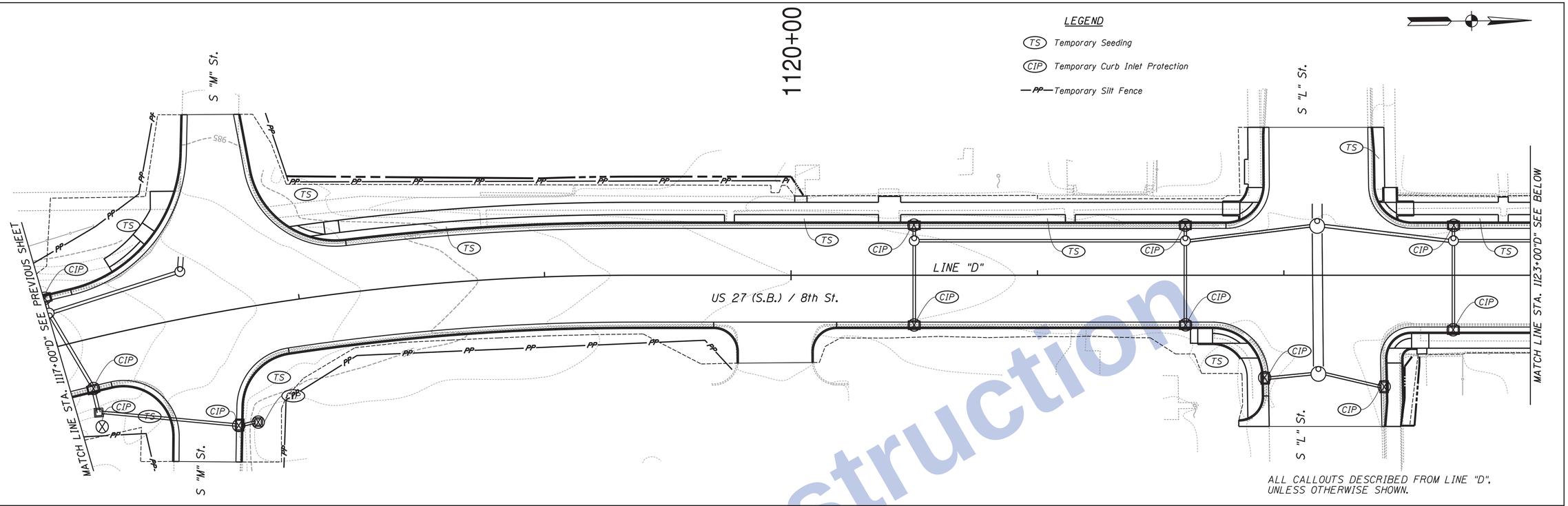
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

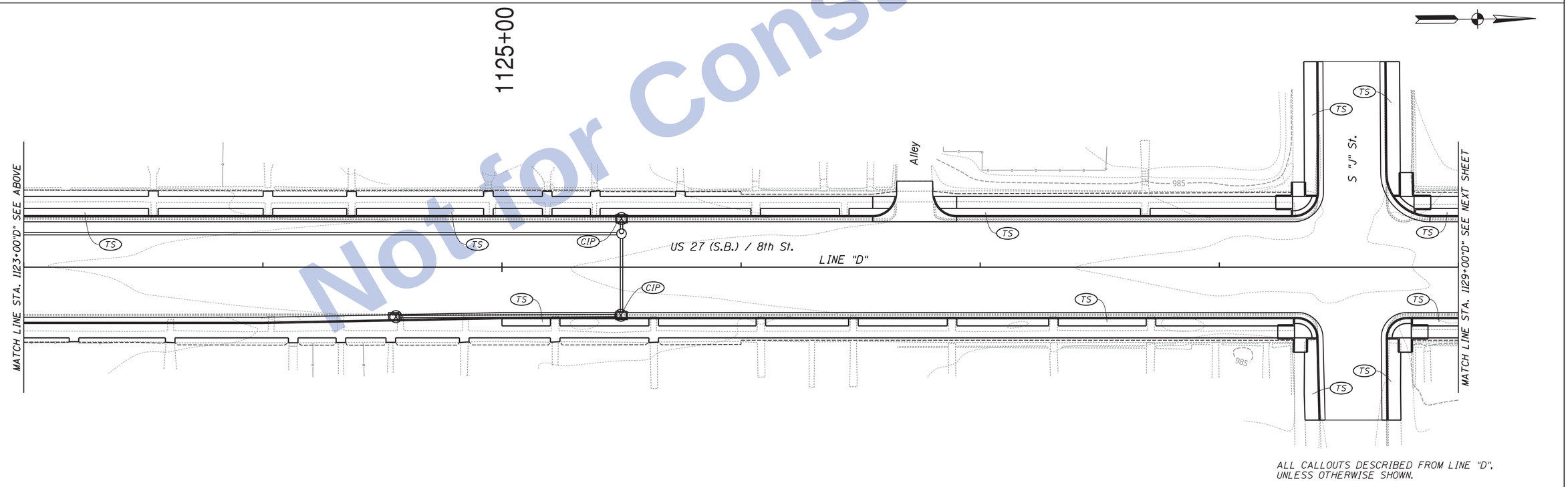
DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
US 27 SOUTHBOUND

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	181 of 278
CONTRACT	PROJECT
R-30397	0100701





Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP

CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
US 27 SOUTHBOUND

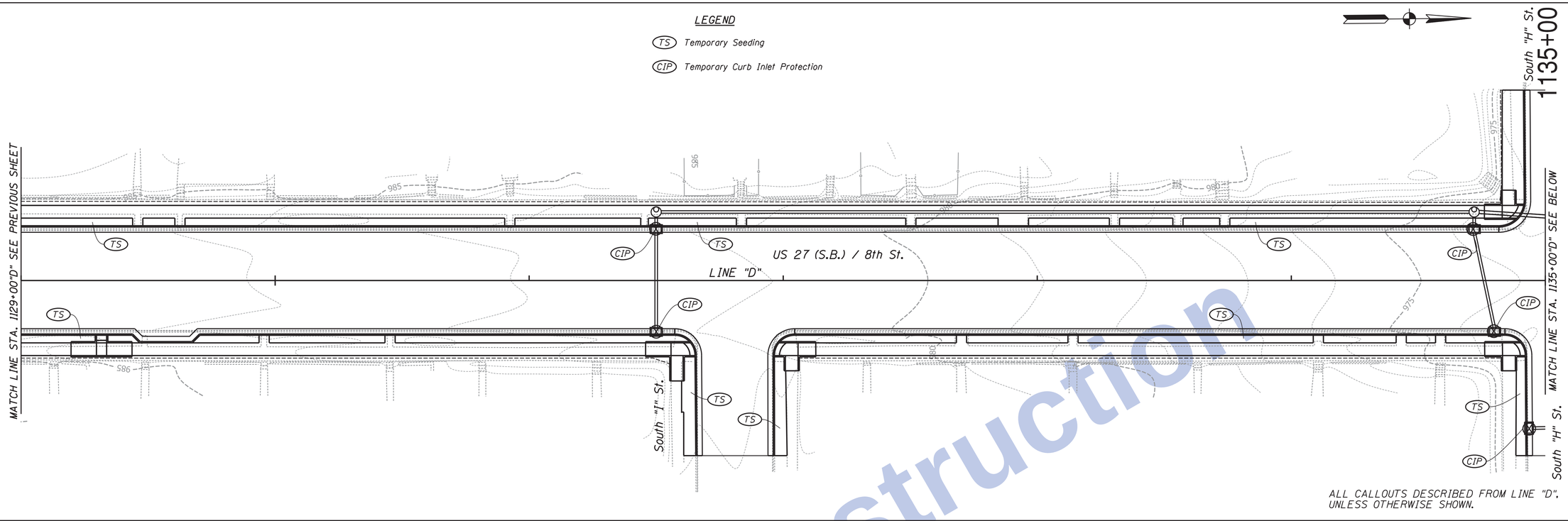
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	182 of 278
CONTRACT	PROJECT
R-30397	0100701

12:58:08 PM 8/26/2016 P:\10170190\Plans\Erosion\02_SB_US27_Ero_02.dgn

LEGEND

TS Temporary Seeding

CIP Temporary Curb Inlet Protection



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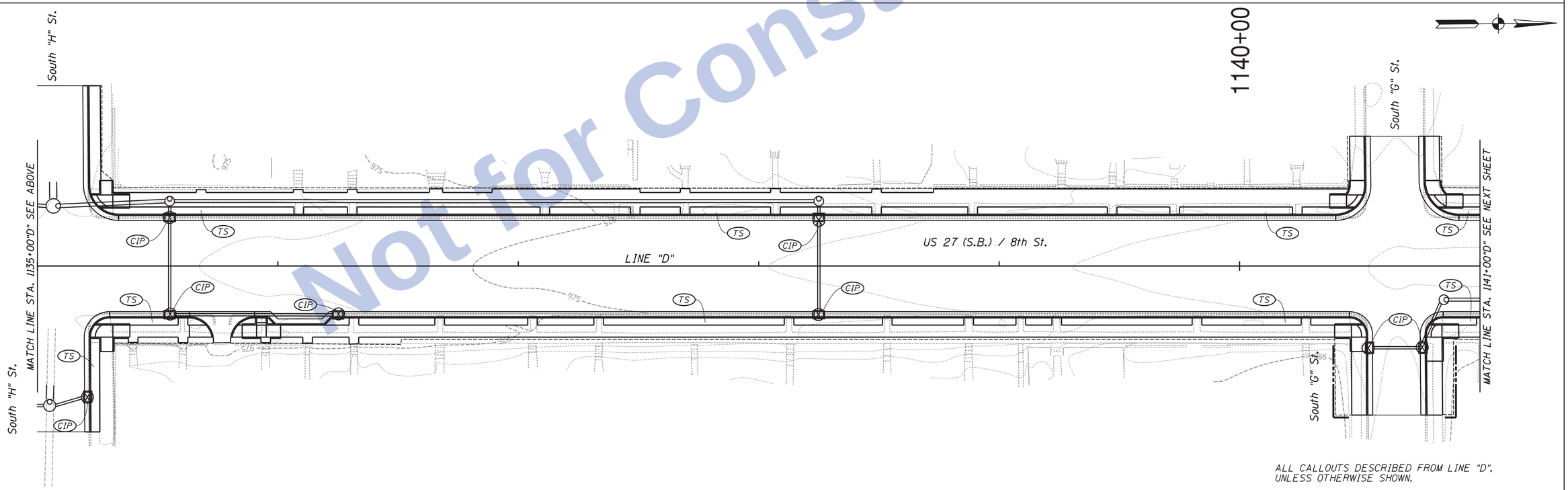

ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP

CHECKED: RBI CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT CONTROL PLAN US 27 SOUTHBOUND

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	183 of 278
CONTRACT	PROJECT
R-30397	0100701

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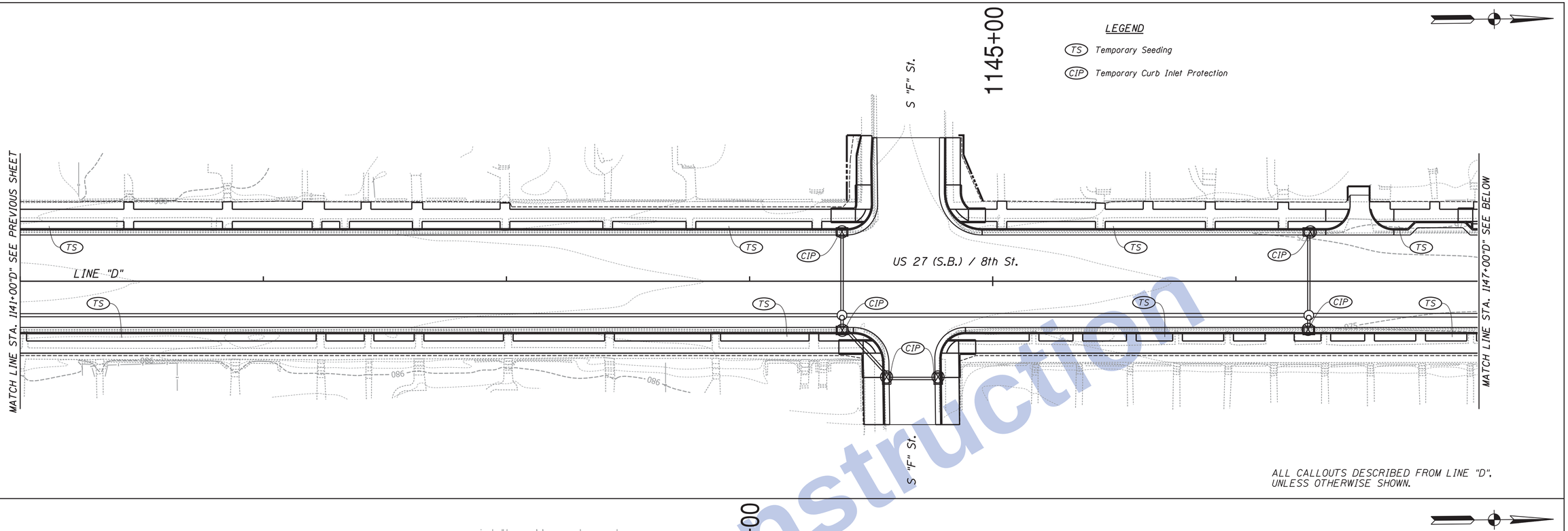

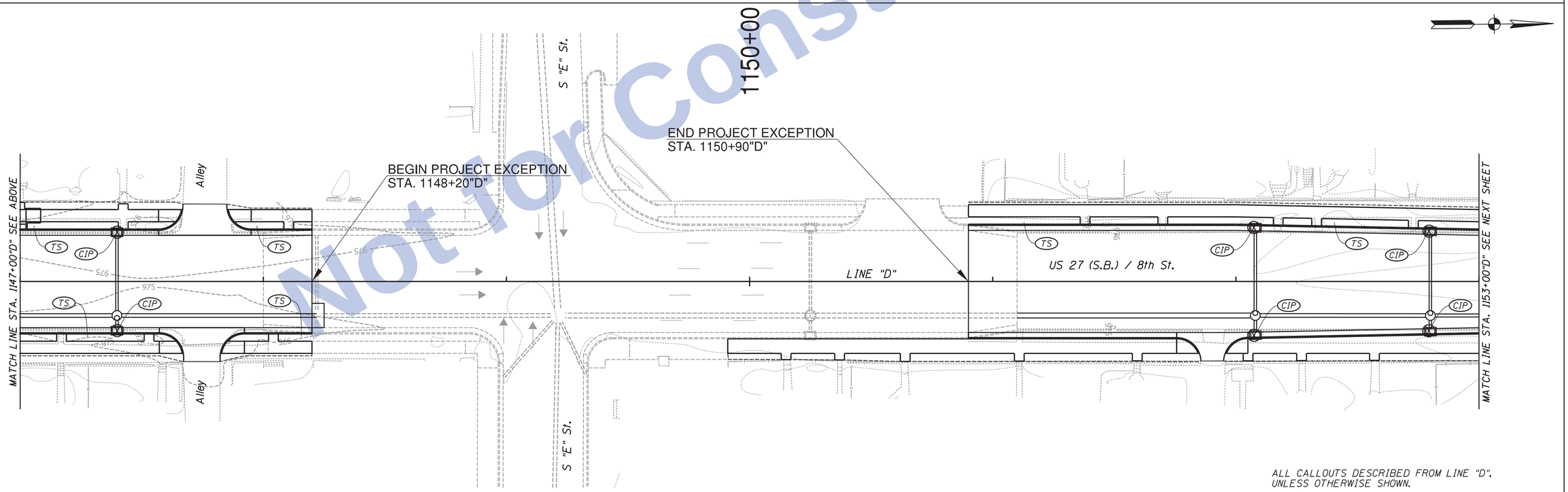

Not for Construction

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
US 27 SOUTHBOUND

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	184 of 278
CONTRACT	PROJECT
R-30397	0100701

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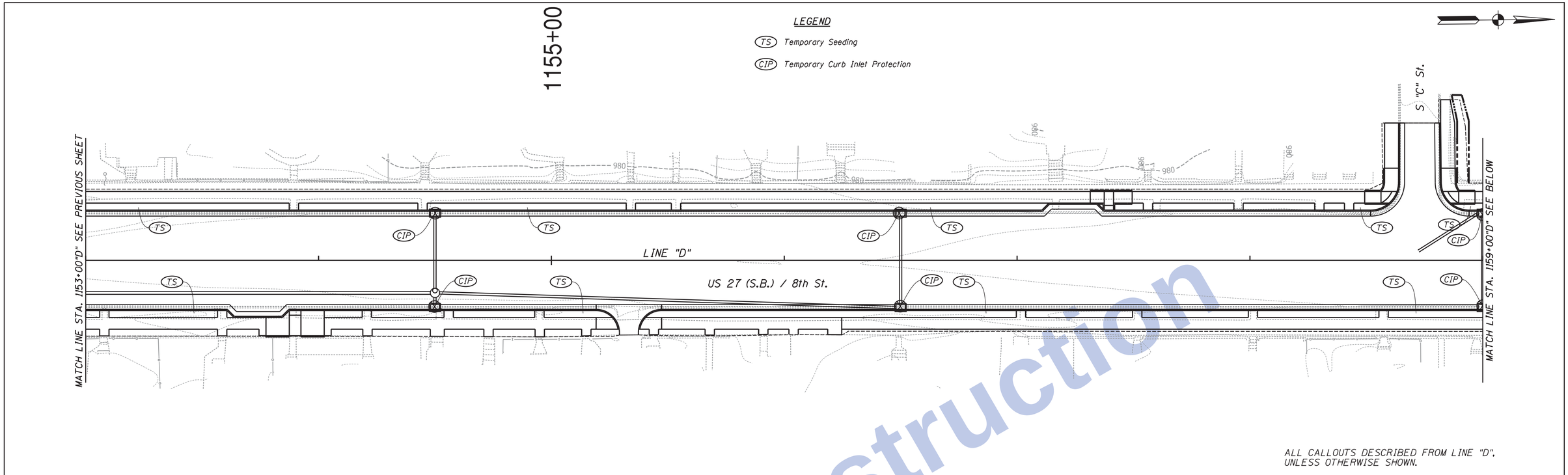

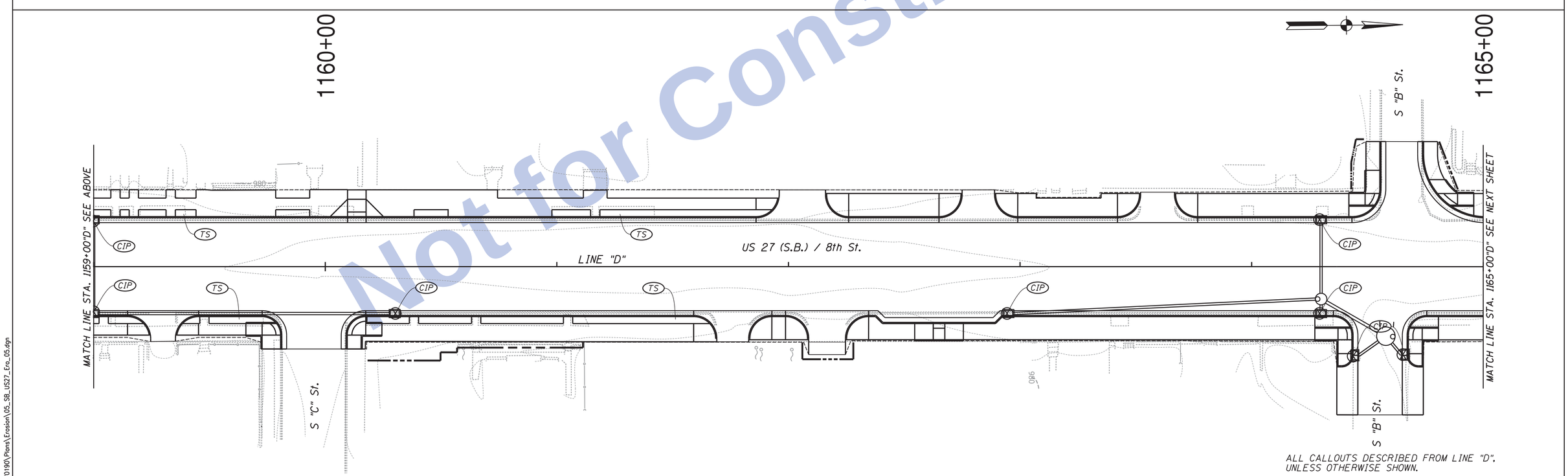

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	
DESIGNED: JAL	DRAWN: MP		
CHECKED: RBI	CHECKED: JAL		

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
US 27 SOUTHBOUND

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	185 of 278
CONTRACT	PROJECT
R-30397	0100701

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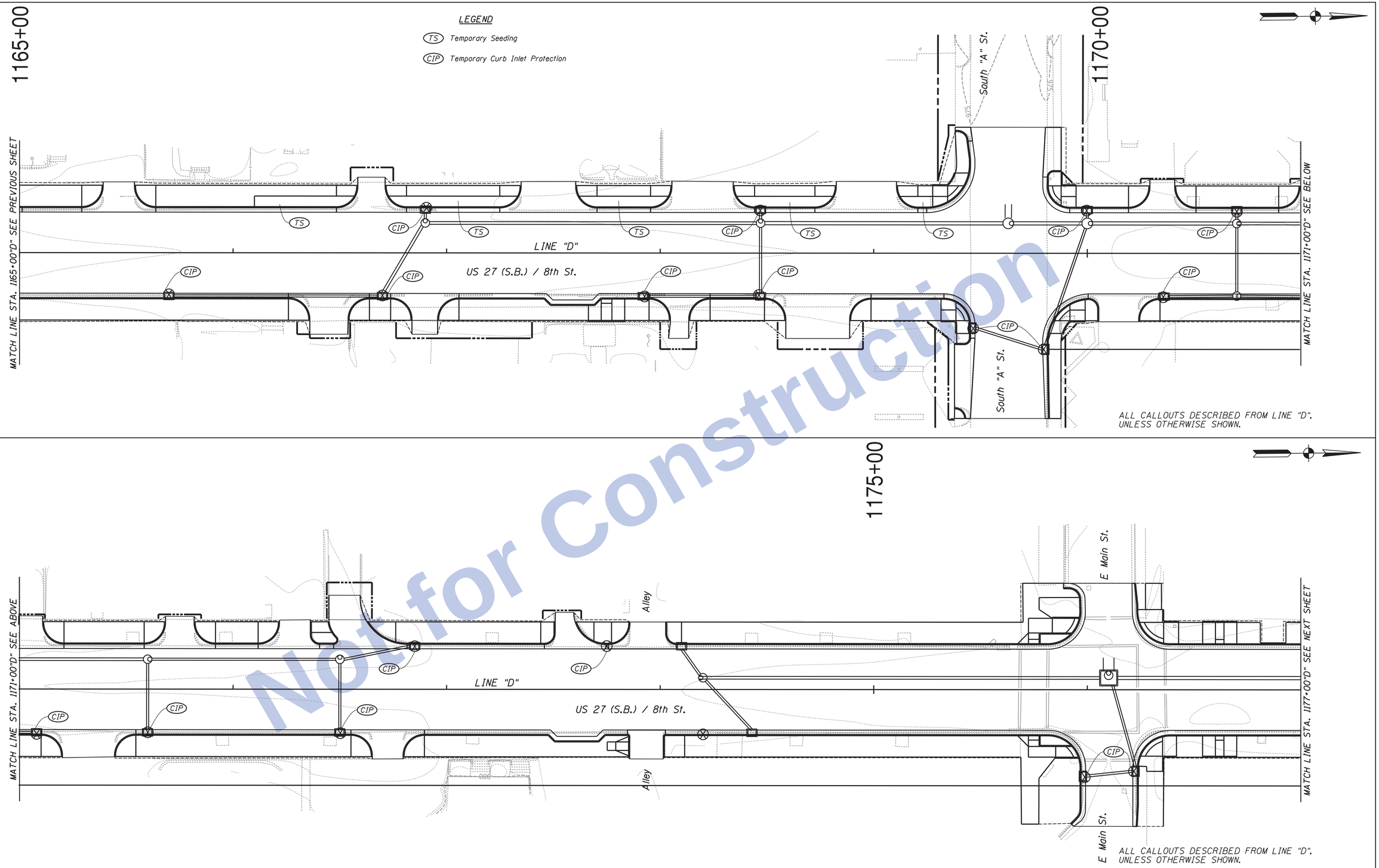

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
US 27 SOUTHBOUND

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	186 of 278
CONTRACT	PROJECT
R-30397	0100701

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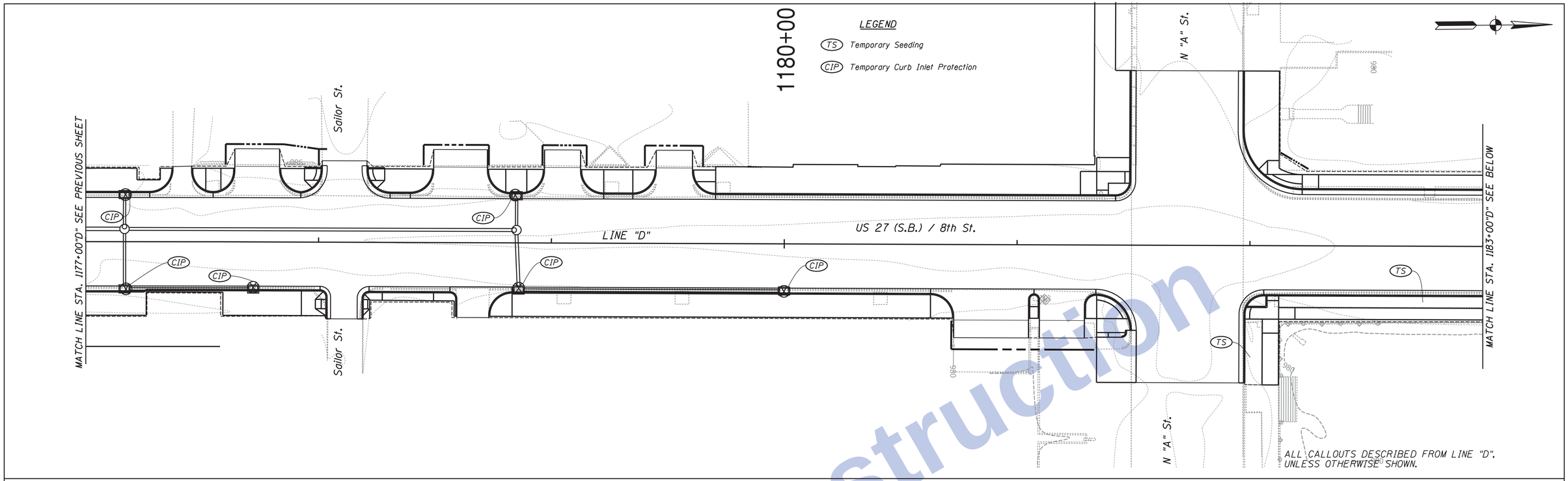

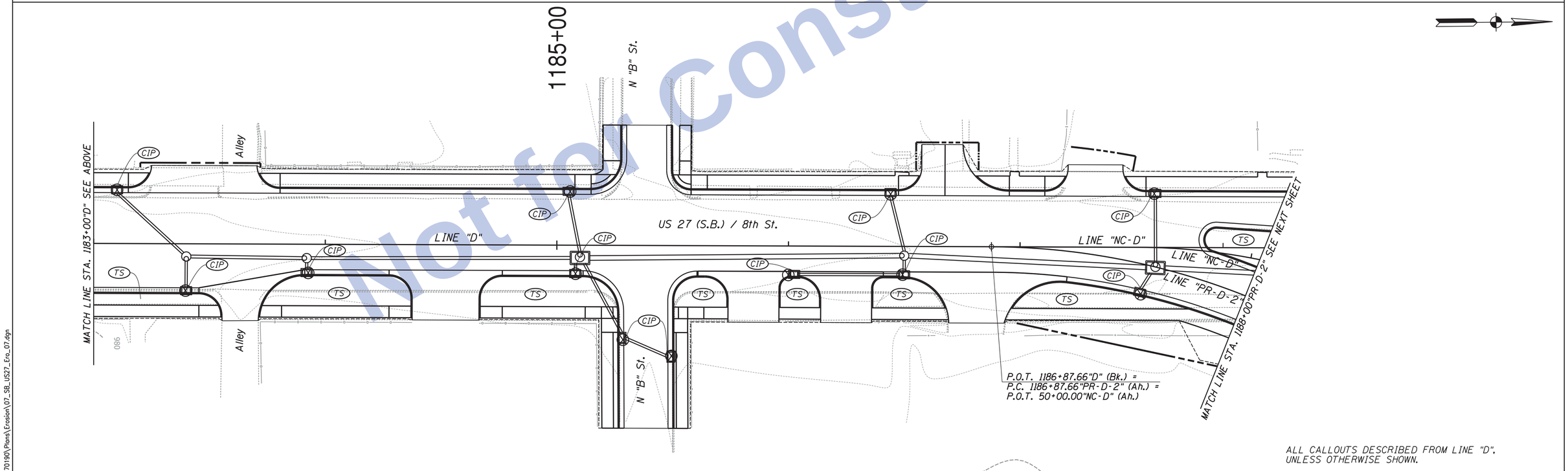

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
US 27 SOUTHBOUND

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	187 of 278
CONTRACT	PROJECT
R-30397	0100701

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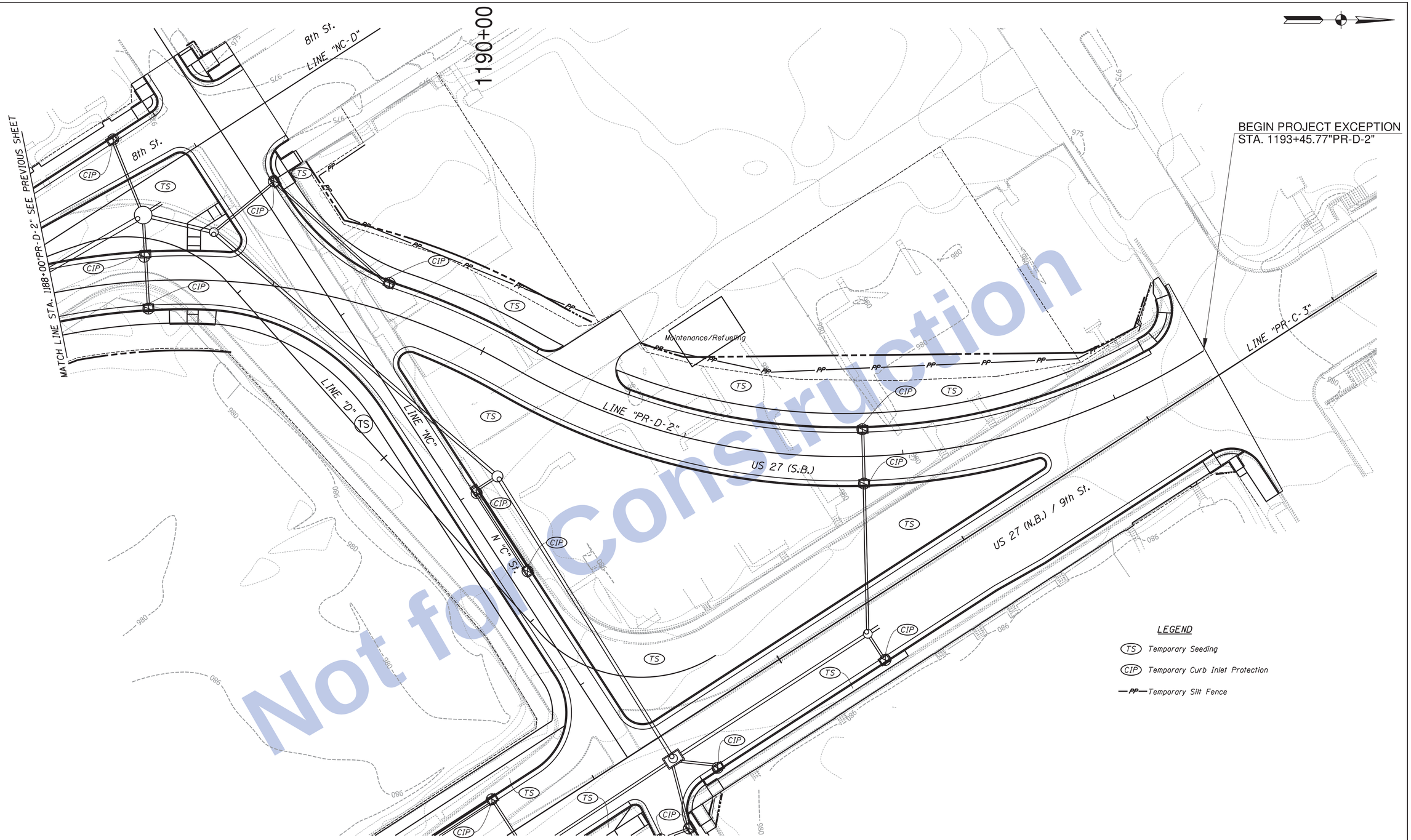

ALL CALLOUTS DESCRIBED FROM LINE "PR-D-2", UNLESS OTHERWISE SHOWN.

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
US 27 SOUTHBOUND

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	188 of 278
CONTRACT	PROJECT
R-30397	0100701

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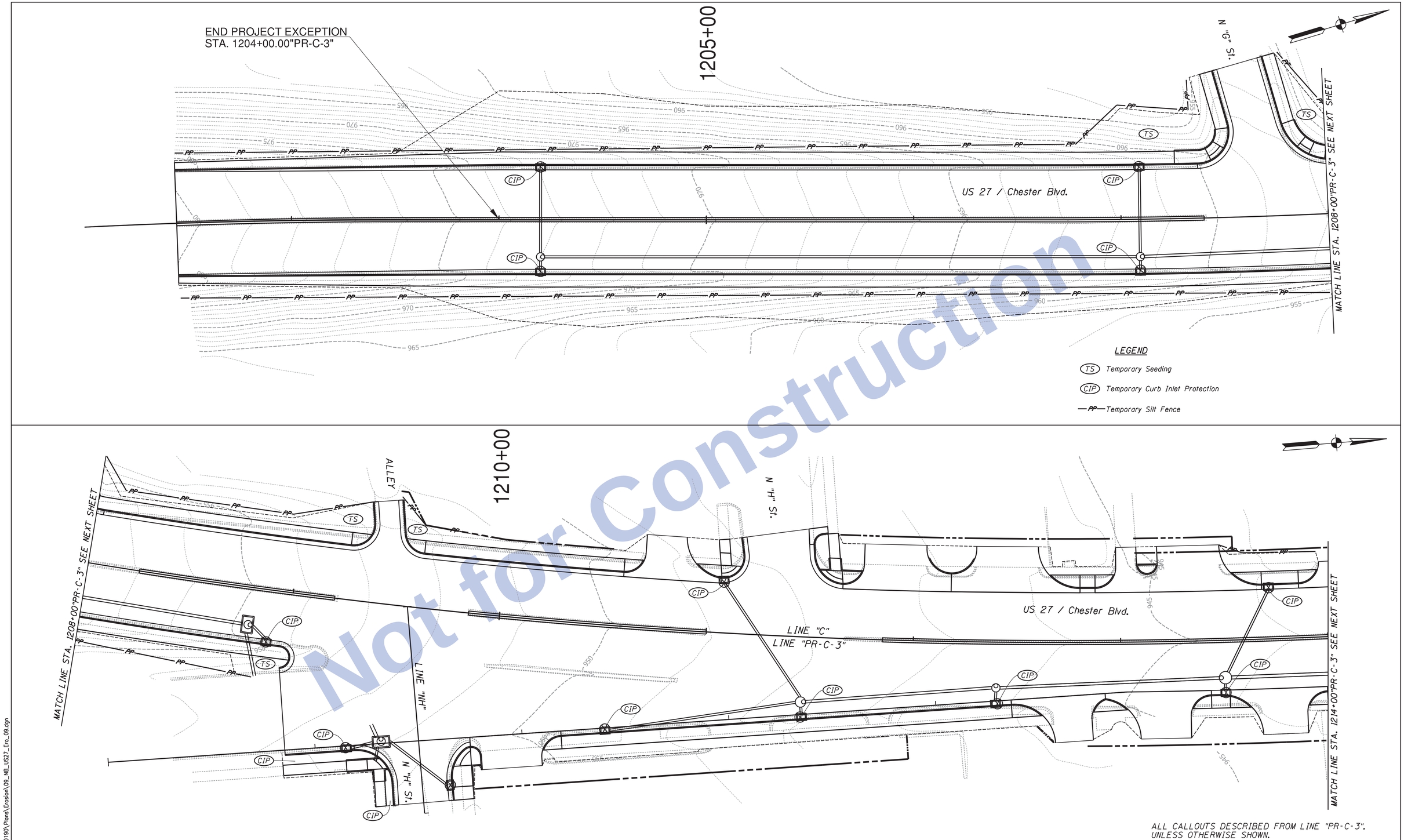

Not for Construction

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
US 27 SOUTHBOUND

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	189 of 278
CONTRACT	PROJECT
R-30397	0100701

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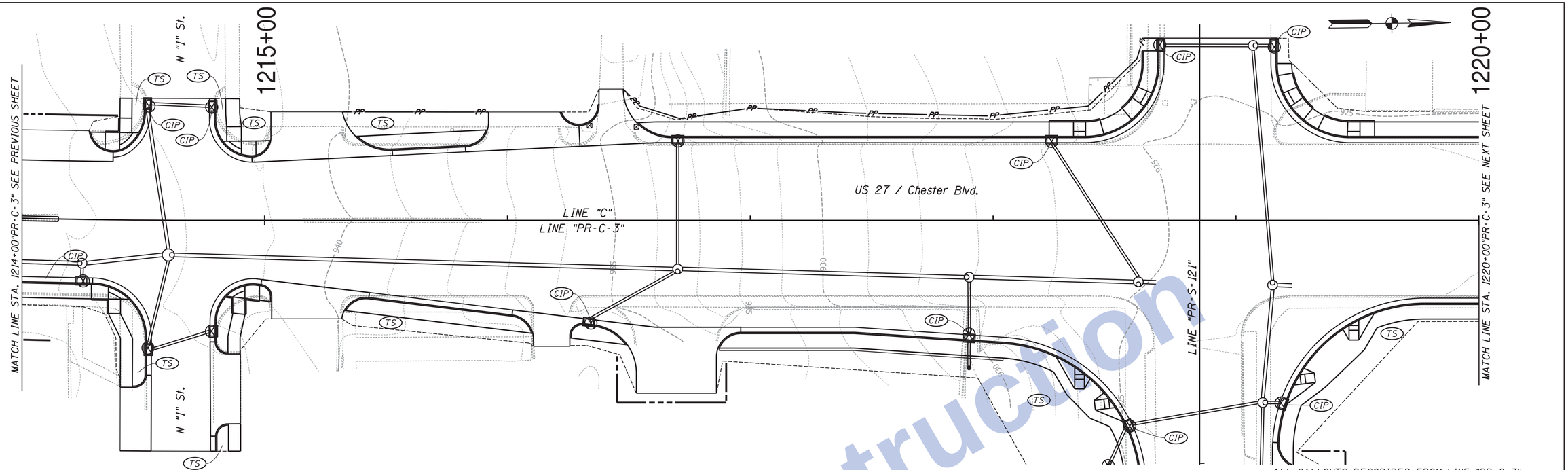
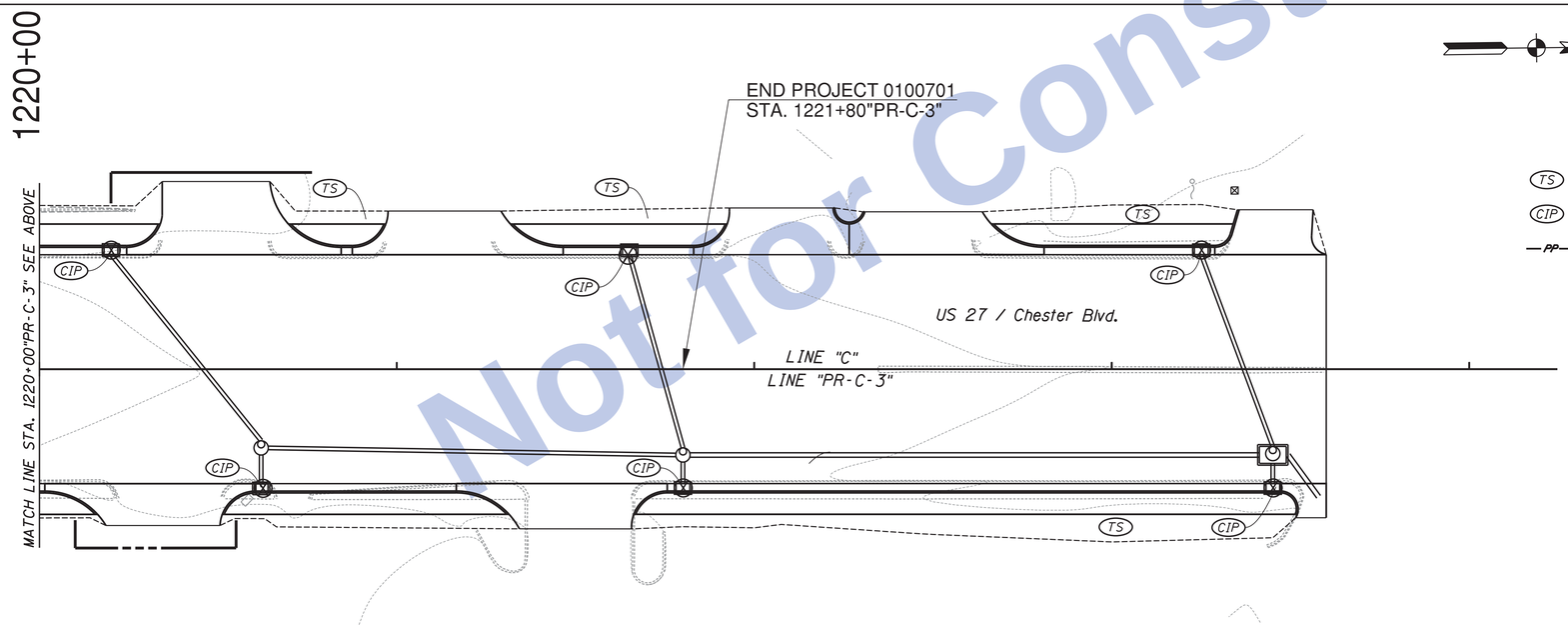


ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.



LEGEND

- TS — Temporary Seeding
- CIP — Temporary Curb Inlet Protection
- —PP— Temporary Silt Fence

ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
US 27 SOUTHBOUND

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	190 of 278
CONTRACT	PROJECT
R-30397	0100701

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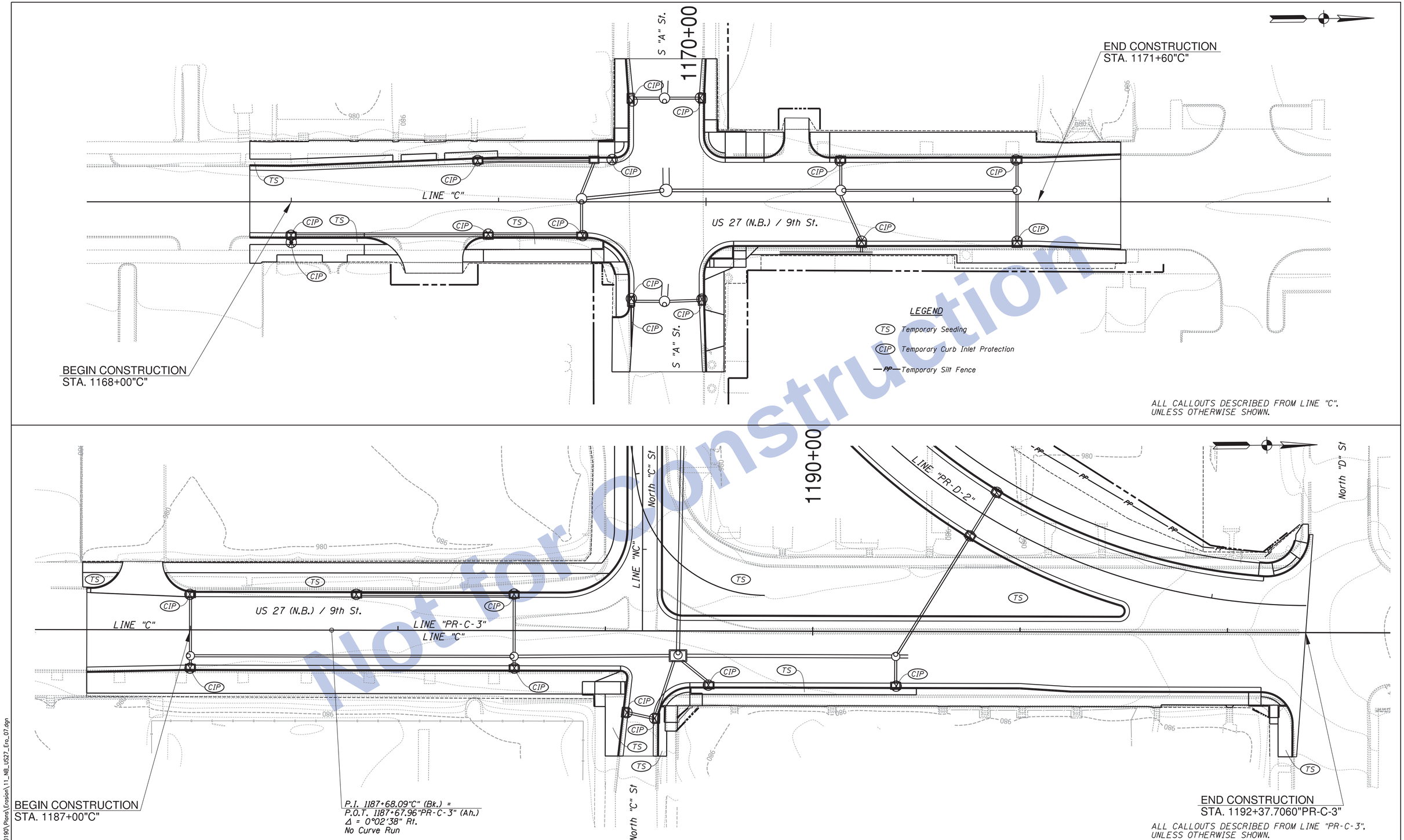

Not for Construction

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Clark Dietz
ENGINEERS

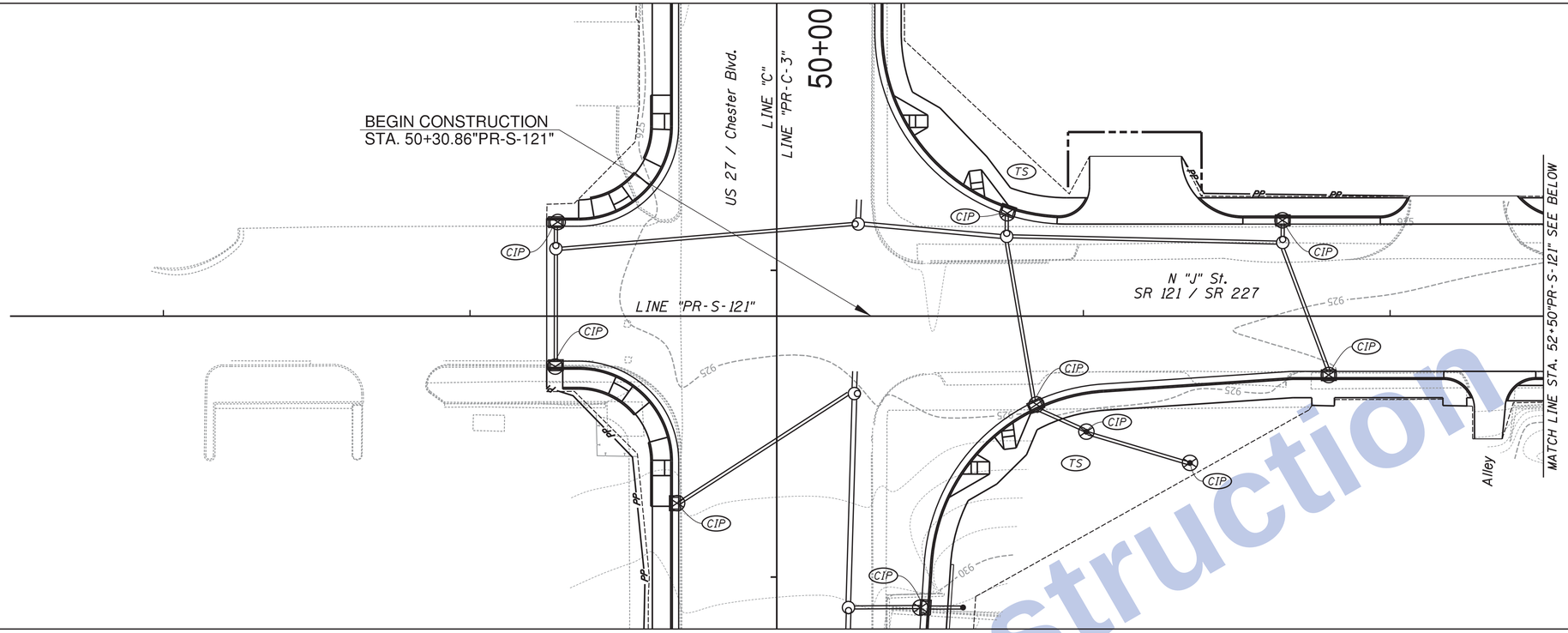
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
US 27 NORTHBOUND

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	191 of 278
CONTRACT	PROJECT
R-30397	0100701



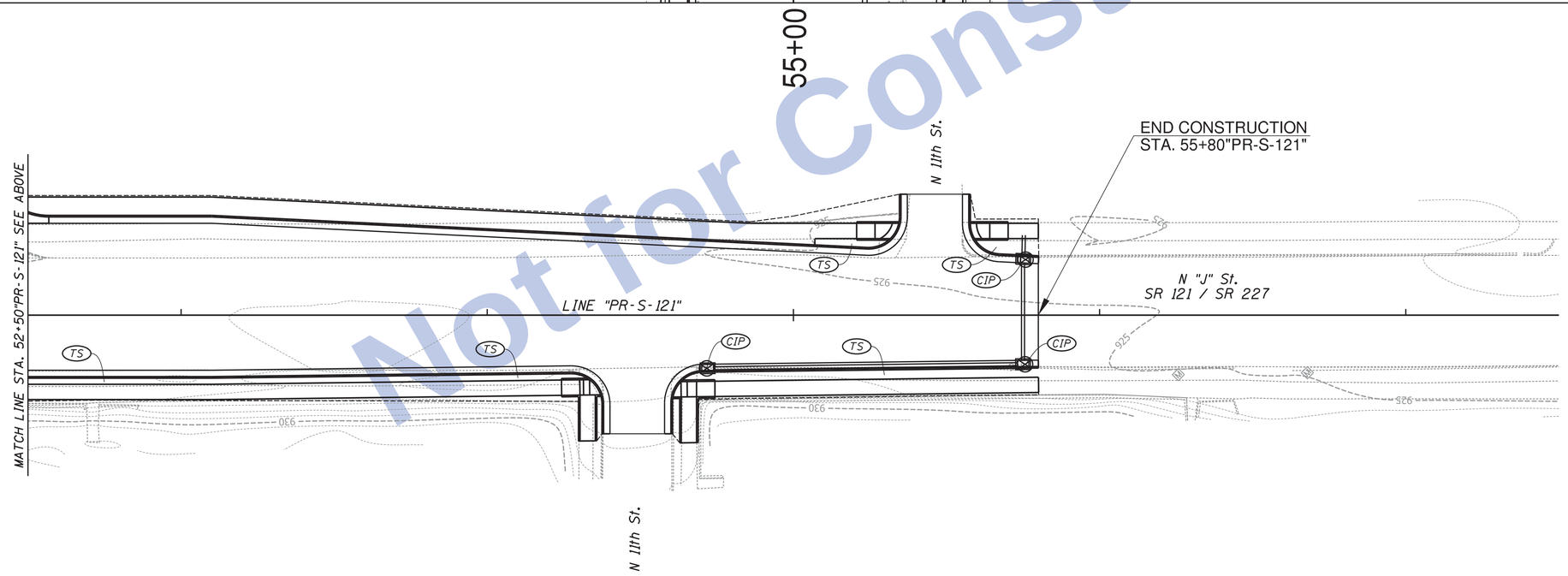
LEGEND

TS Temporary Seeding

CIP Temporary Curb Inlet Protection

—PP— Temporary Silt Fence

ALL CALLOUTS DESCRIBED FROM LINE "PR-S-121", UNLESS OTHERWISE SHOWN.



ALL CALLOUTS DESCRIBED FROM LINE "PR-S-121", UNLESS OTHERWISE SHOWN.

Not for Construction

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Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

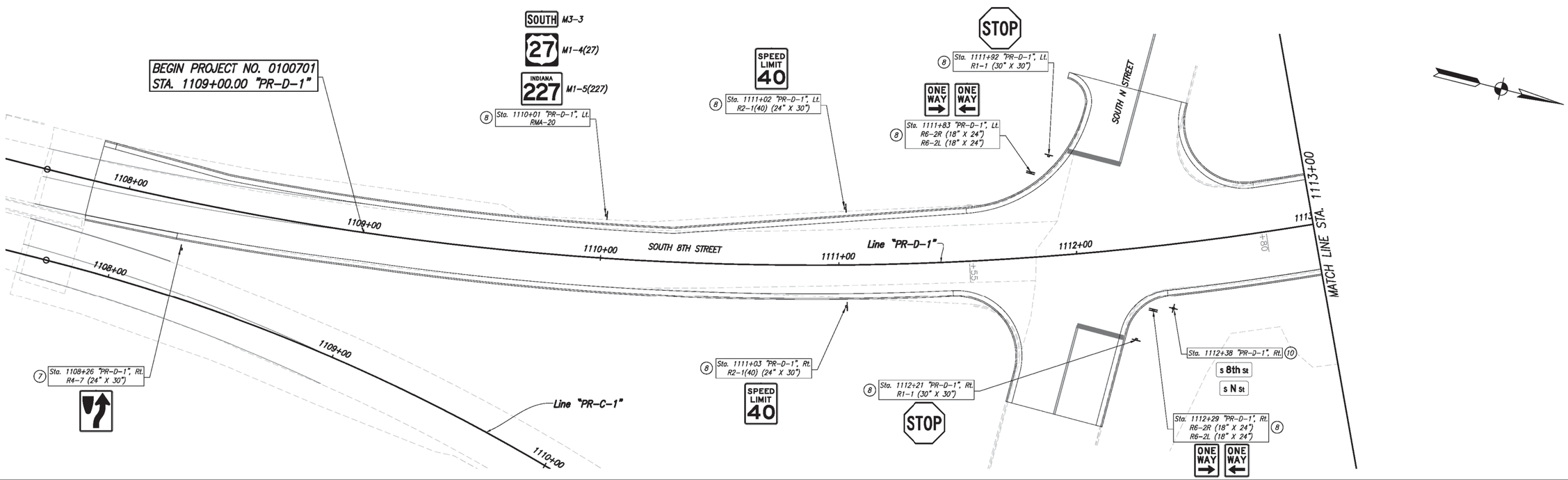
DESIGNED: JAL DRAWN: MP

CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT
CONTROL PLAN
SR 121

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	192 of 278
CONTRACT	PROJECT
R-30397	0100701



SIGNING LEGEND

7. Existing Sign and Support to Remain in Place (Do not Disturb)
8. Remove and Reset Existing Signs and Supports
9. Replace Existing Signs and Supports
10. Existing Sheet Signs (Street Names) Replace Existing Signs and Supports
11. Existing Local Sign on New Support
12. Install New Sign and Support
13. Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

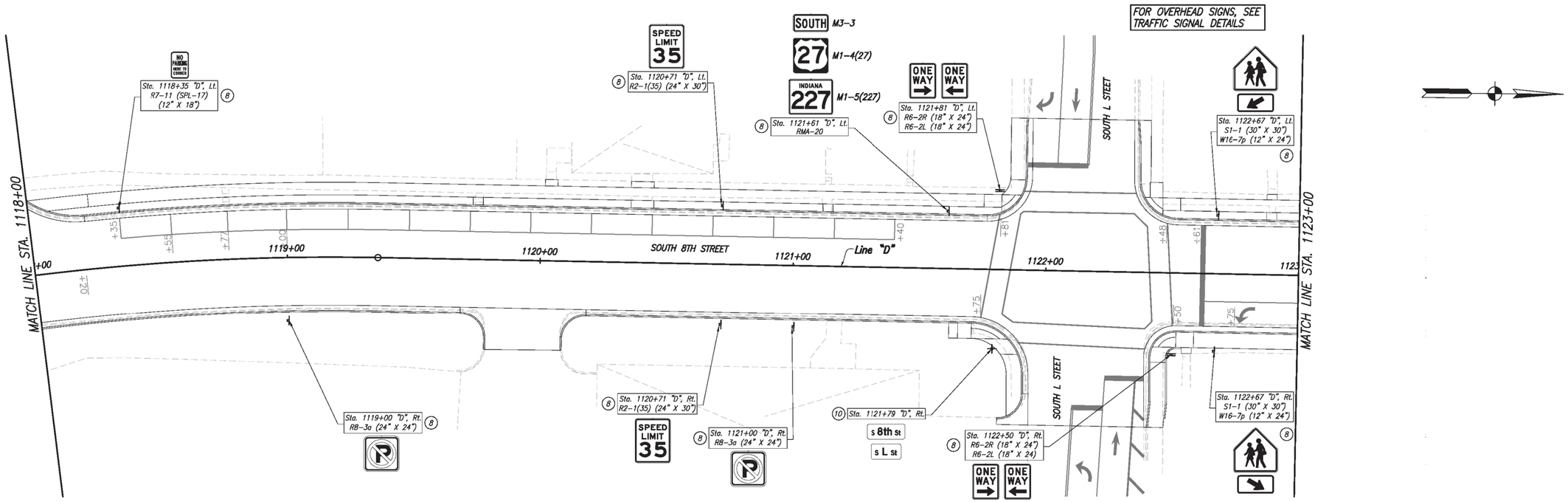
NOT FOR CONSTRUCTION

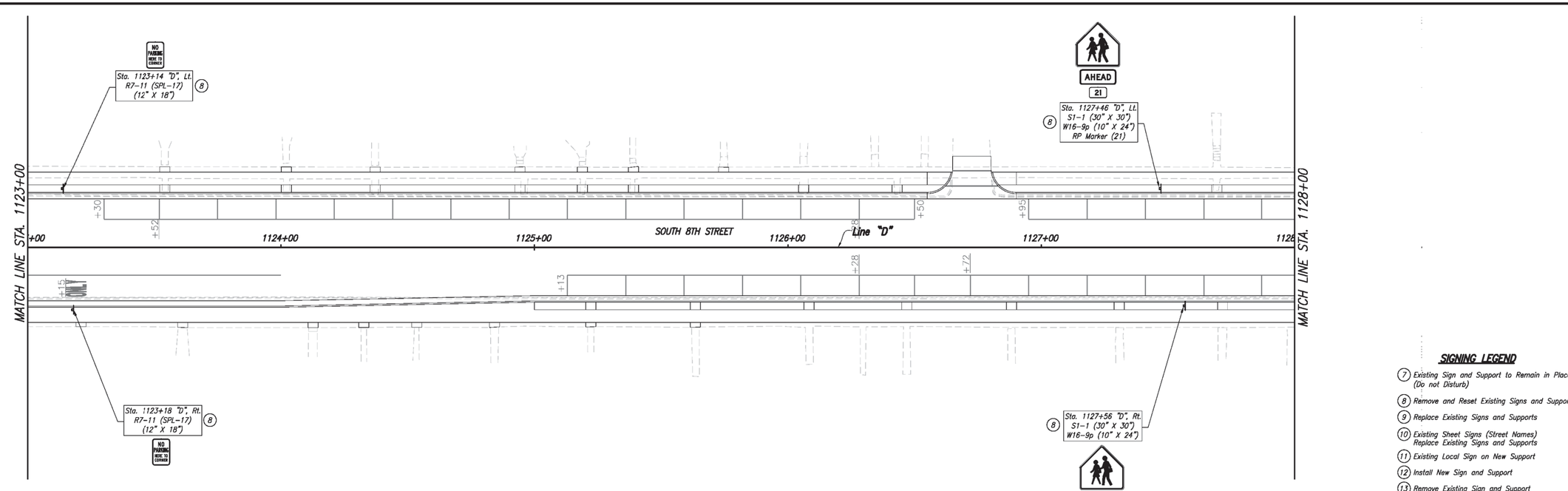
DESIGNED: GAF | DRAWN: CNC
CHECKED: CNC | CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	193 of 278
CONTRACT	PROJECT
R-30397	0100701





SIGNING LEGEND

(7) Existing Sign and Support to Remain in Place (Do not Disturb)

(8) Remove and Reset Existing Signs and Supports

(9) Replace Existing Signs and Supports

(10) Existing Sheet Signs (Street Names) Replace Existing Signs and Supports

(11) Existing Local Sign on New Support

(12) Install New Sign and Support

(13) Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

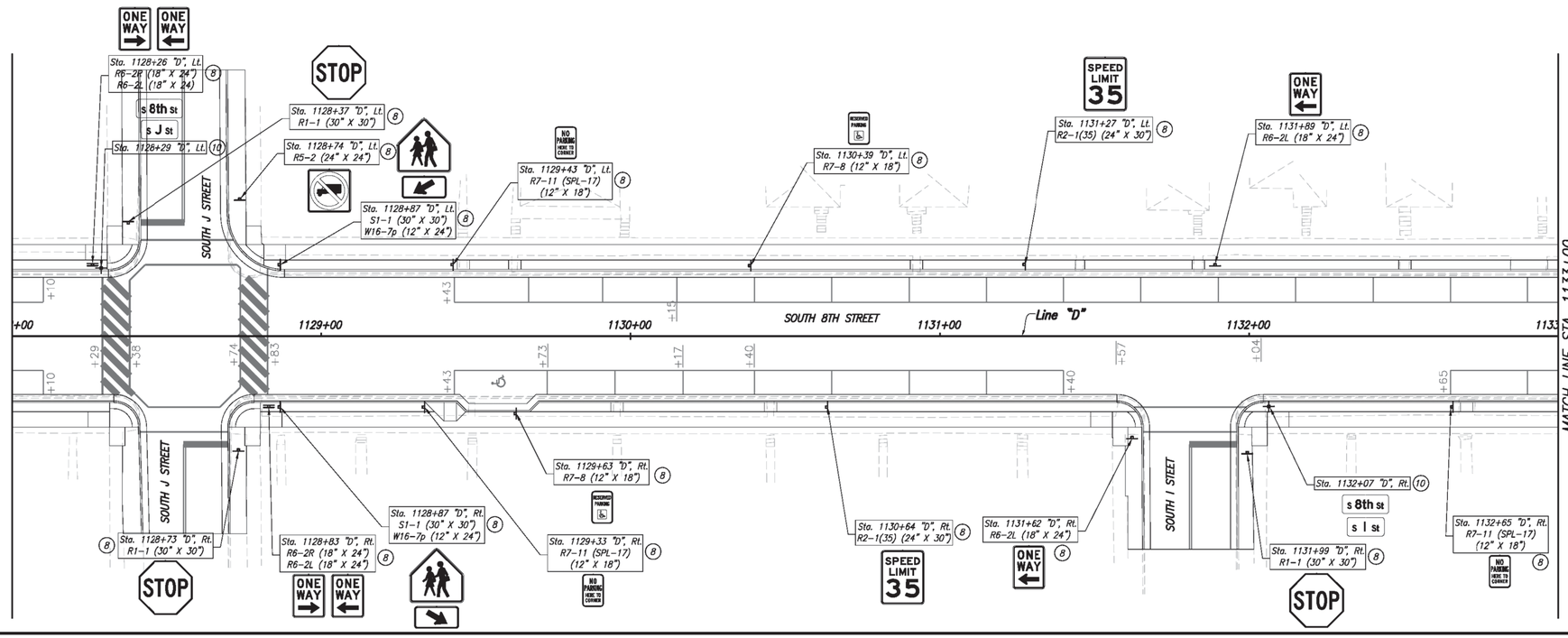
NOT FOR CONSTRUCTION

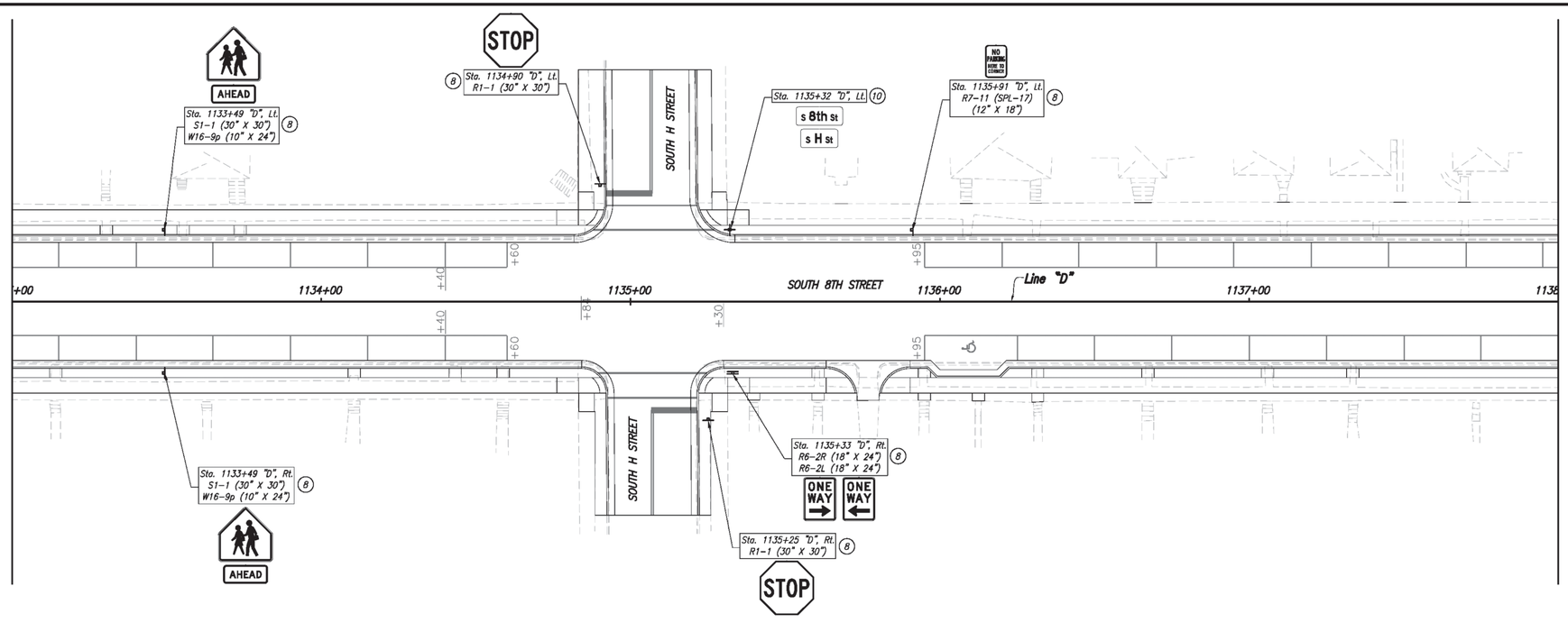
DESIGNED: GAF	DRAWN: CNC
CHECKED: CNC	CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	194 of 278
CONTRACT	PROJECT
R-30397	0100701





SIGNING LEGEND

7. Existing Sign and Support to Remain in Place (Do not Disturb)
8. Remove and Reset Existing Signs and Supports
9. Replace Existing Signs and Supports
10. Existing Sheet Signs (Street Names) Replace Existing Signs and Supports
11. Existing Local Sign on New Support
12. Install New Sign and Support
13. Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

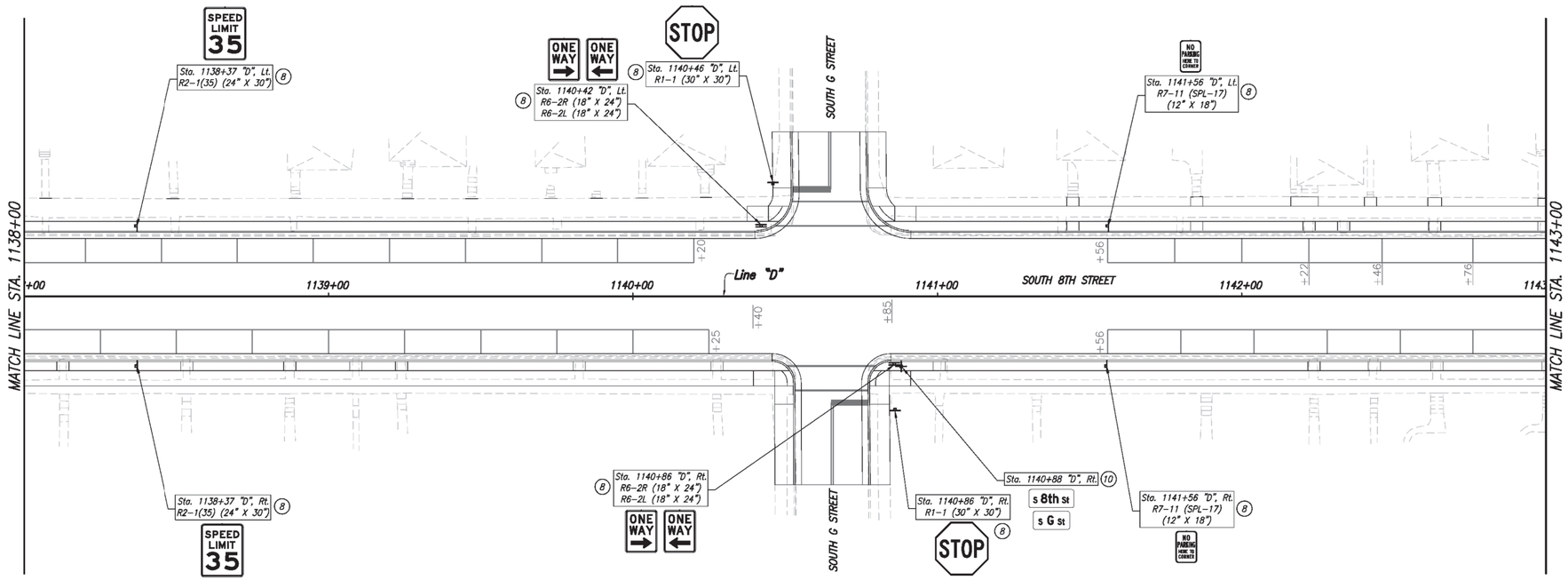
NOT FOR CONSTRUCTION

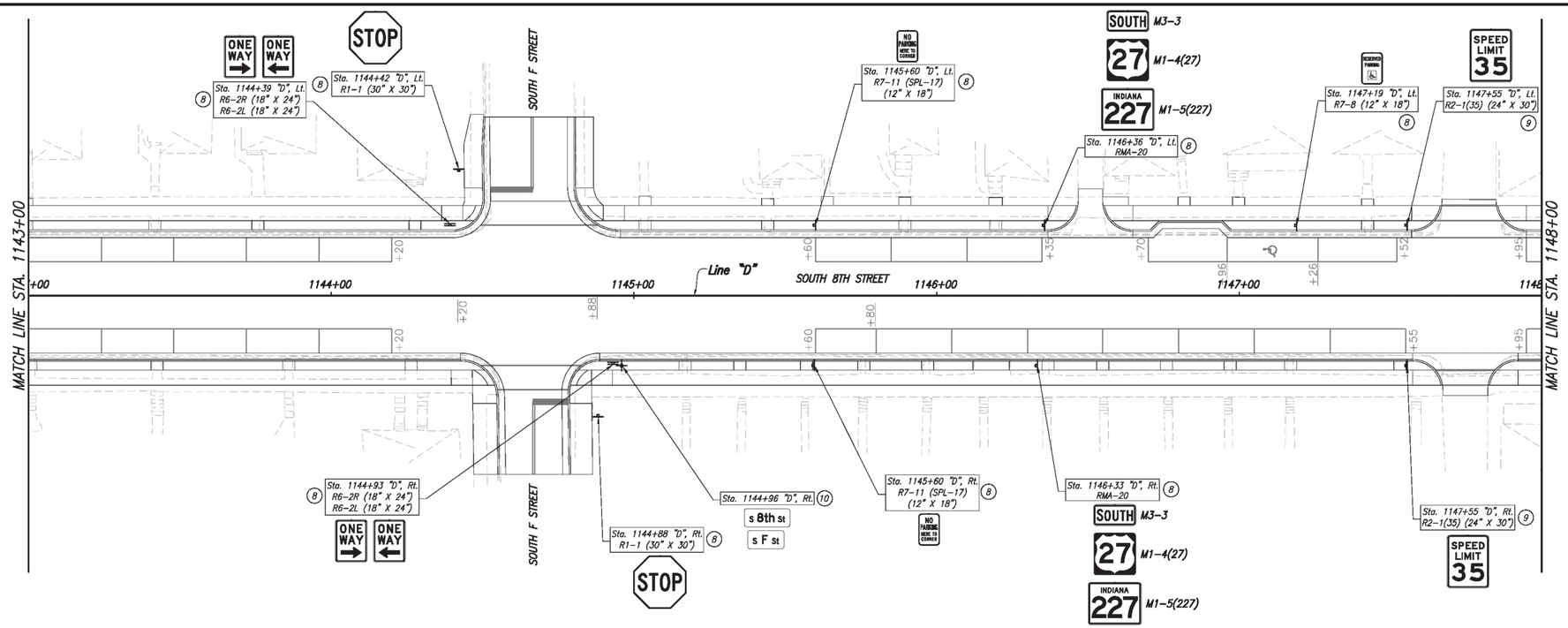
DESIGNED: GAF
DRAWN: CNC
CHECKED: CNC
CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	195 of 278
CONTRACT	PROJECT
R-30397	0100701





SIGNING LEGEND

(7) Existing Sign and Support to Remain in Place (Do not Disturb)

(8) Remove and Reset Existing Signs and Supports

(9) Replace Existing Signs and Supports

(10) Existing Sheet Signs (Street Names) Replace Existing Signs and Supports

(11) Existing Local Sign on New Support

(12) Install New Sign and Support

(13) Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

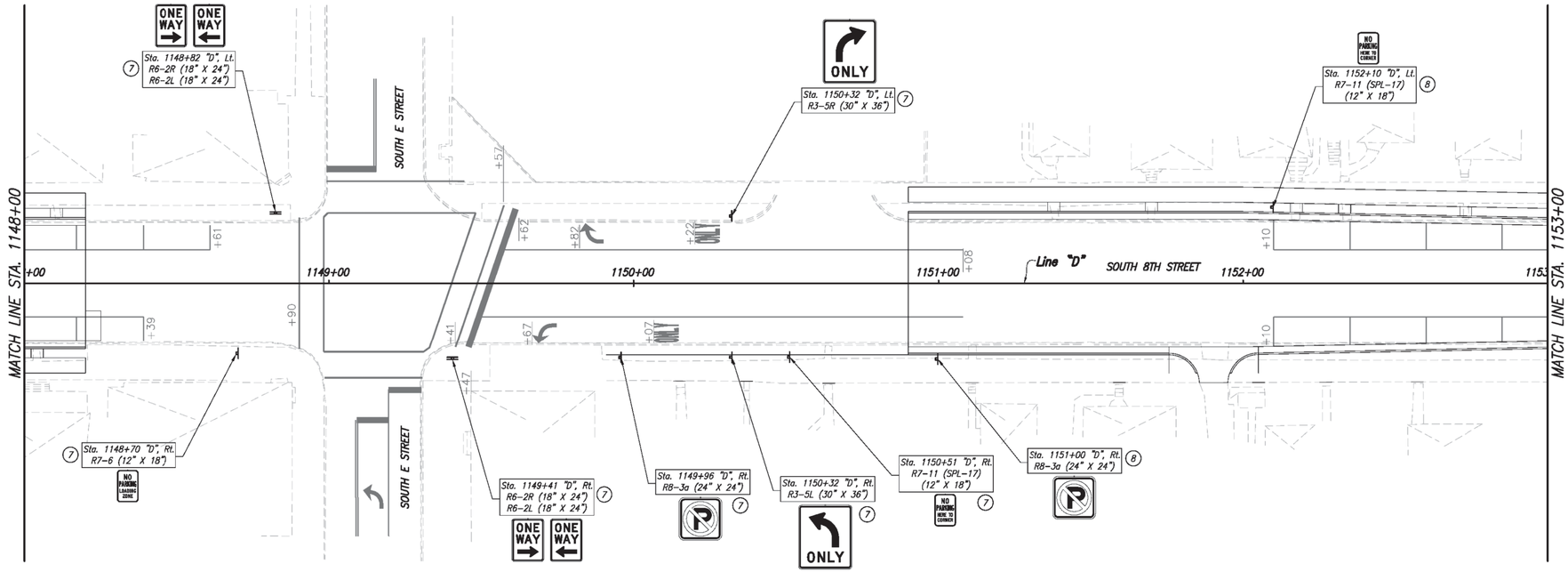
NOT FOR CONSTRUCTION

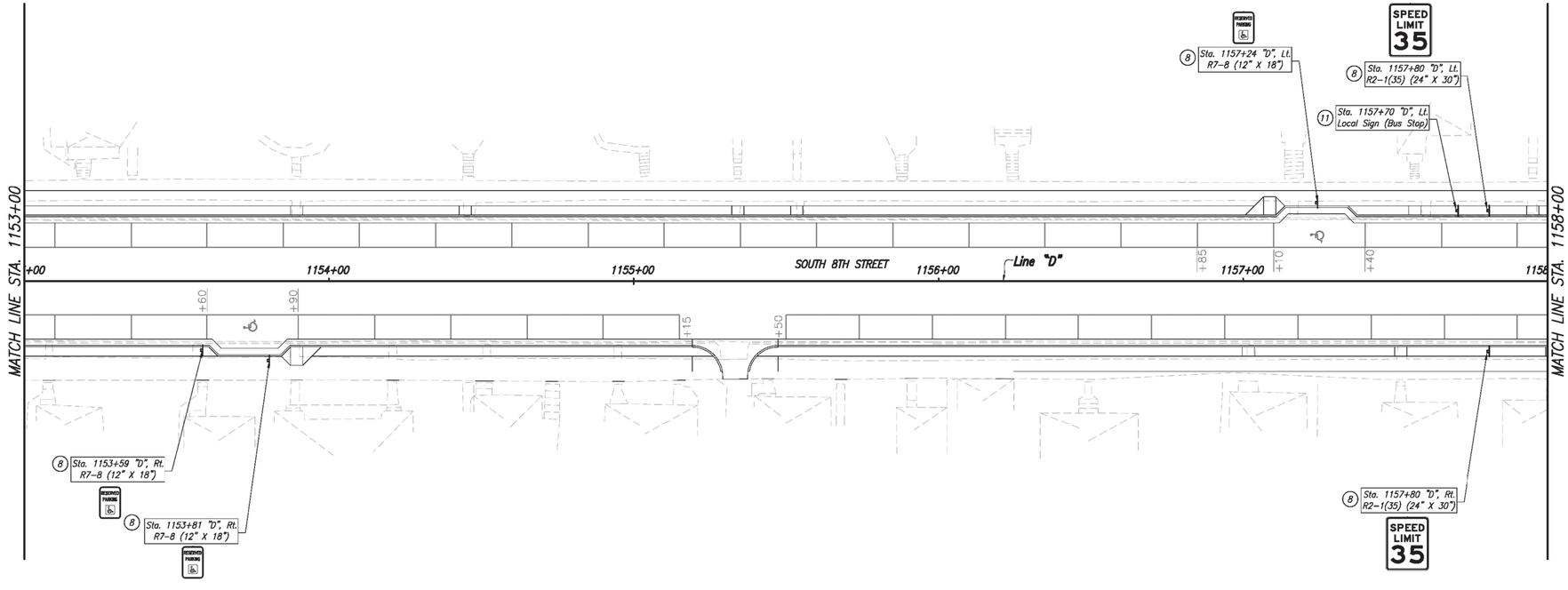
DESIGNED: GAF | DRAWN: CNC
CHECKED: CNC | CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	196 of 278
CONTRACT	PROJECT
R-30397	0100701





SIGNING LEGEND

7 Existing Sign and Support to Remain in Place (Do not Disturb)

8 Remove and Reset Existing Signs and Supports

9 Replace Existing Signs and Supports

10 Existing Sheet Signs (Street Names) Replace Existing Signs and Supports

11 Existing Local Sign on New Support

12 Install New Sign and Support

13 Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

NOT FOR CONSTRUCTION

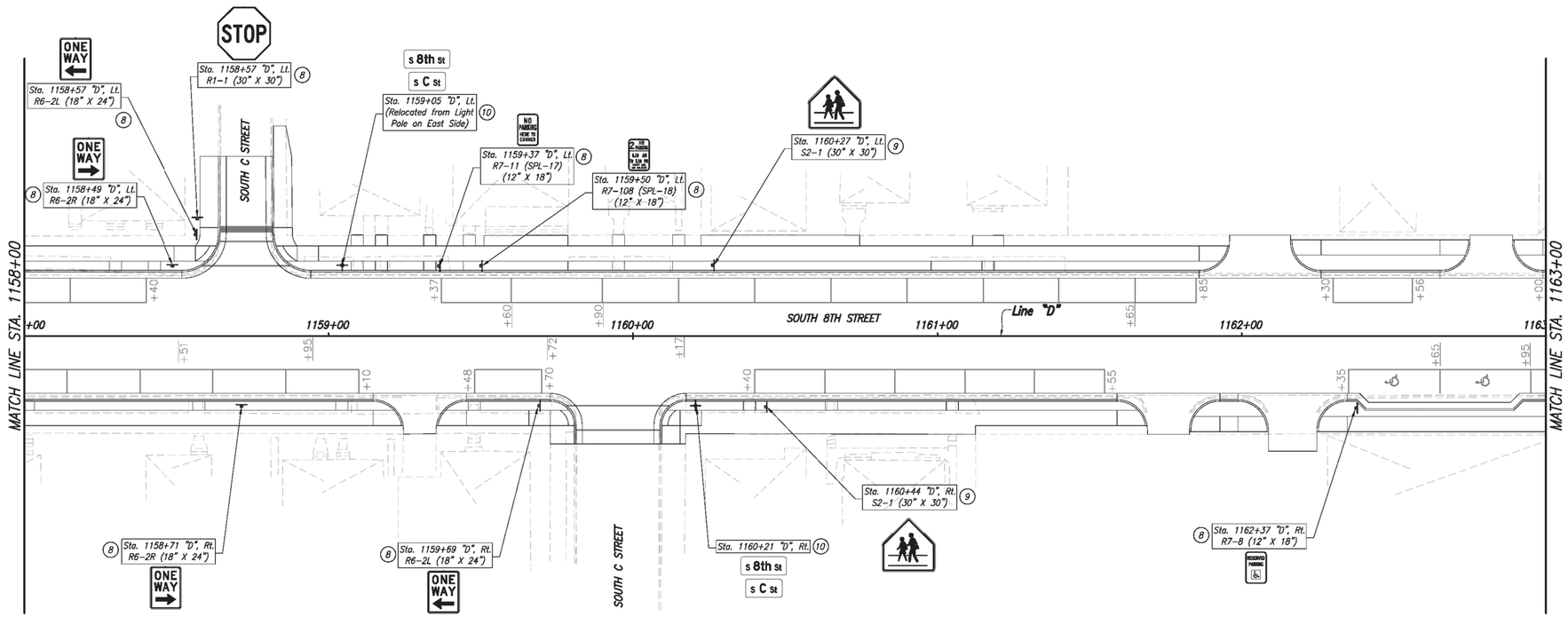
DESIGNED: GAF | DRAWN: CNC

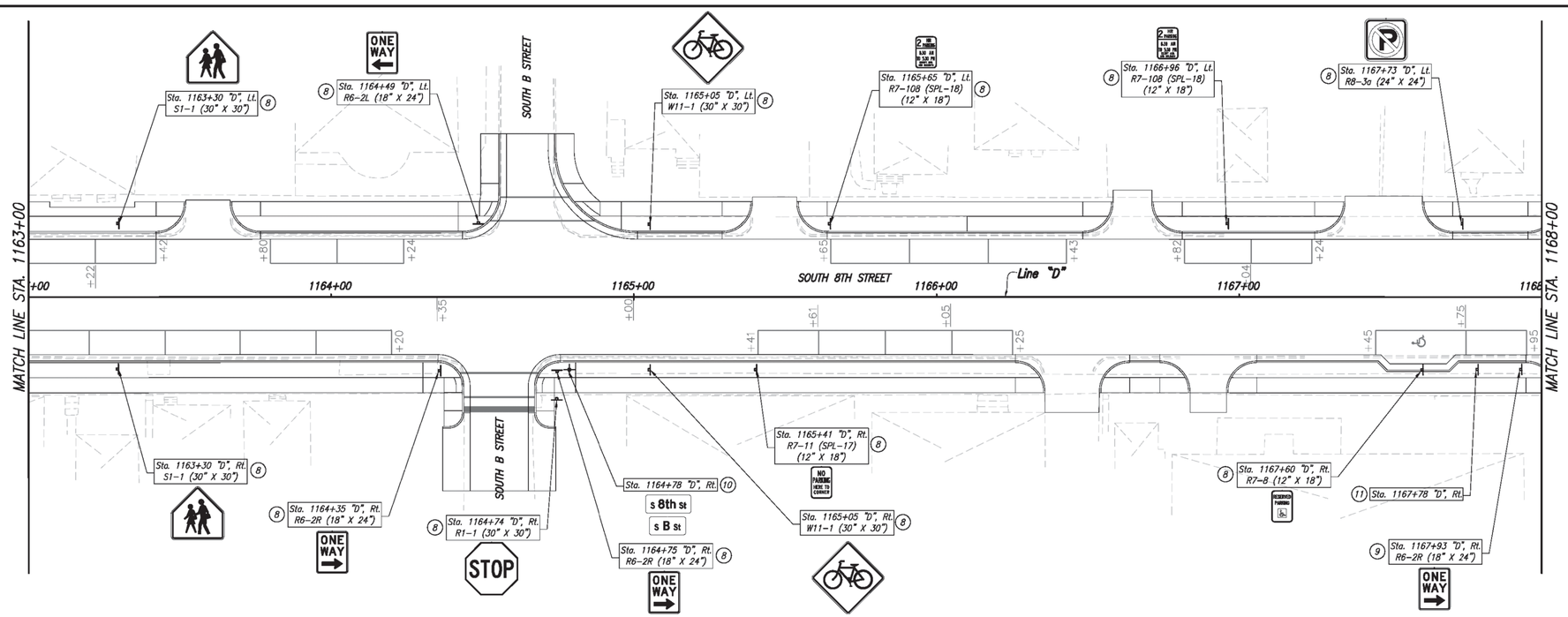
CHECKED: CNC | CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	197 of 278
CONTRACT	PROJECT
R-30397	0100701





SIGNING LEGEND

7. Existing Sign and Support to Remain in Place (Do not Disturb)
8. Remove and Reset Existing Signs and Supports
9. Replace Existing Signs and Supports
10. Existing Sheet Signs (Street Names) Replace Existing Signs and Supports
11. Existing Local Sign on New Support
12. Install New Sign and Support
13. Remove Existing Sign and Support

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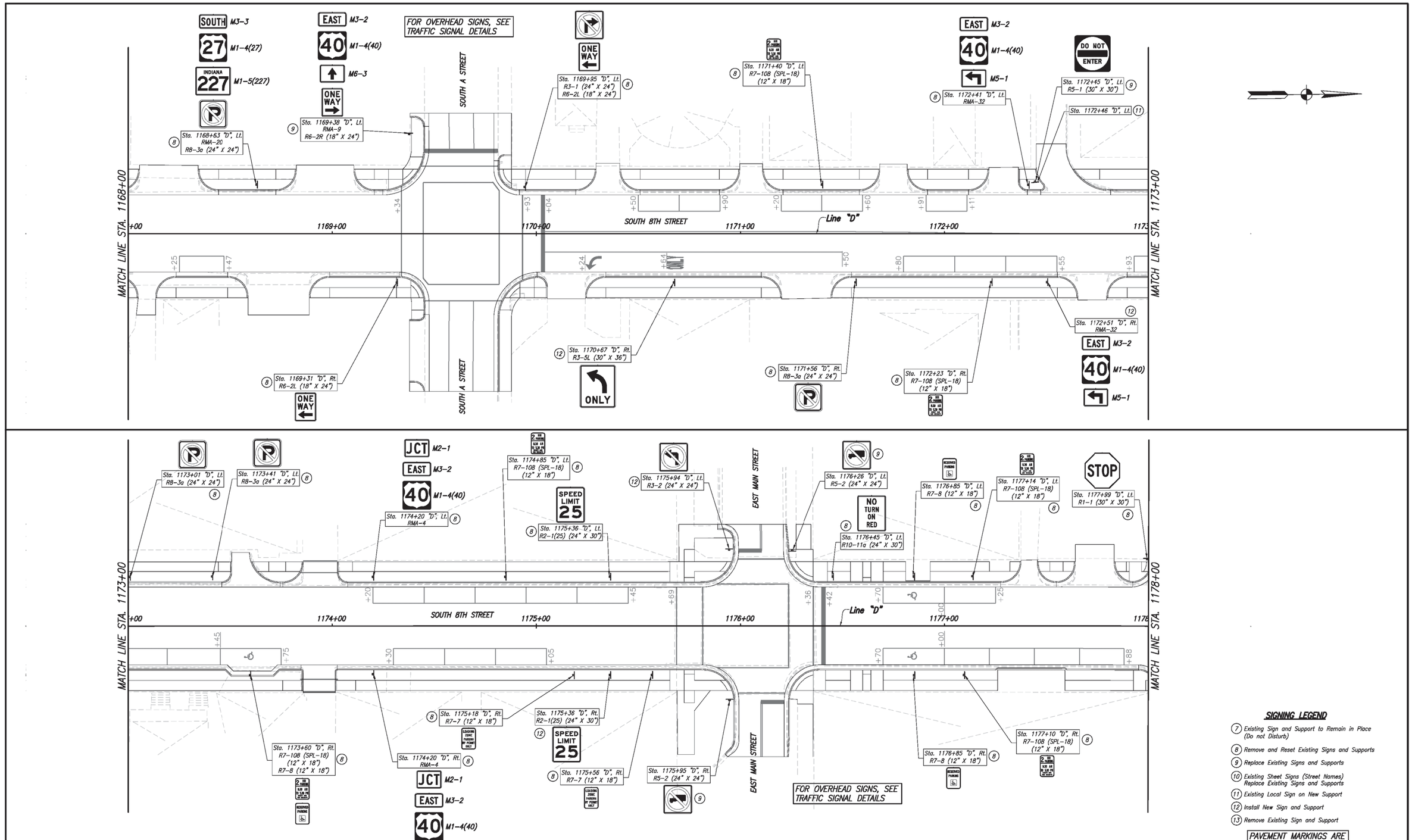
DESIGNED: GAF | DRAWN: CNC
CHECKED: CNC | CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	198 of 278
CONTRACT	PROJECT
R-30397	0100701



SIGNING LEGEND

7. Existing Sign and Support to Remain in Place (Do not Disturb)
8. Remove and Reset Existing Signs and Supports
9. Replace Existing Signs and Supports
10. Existing Sheet Signs (Street Names) Replace Existing Signs and Supports
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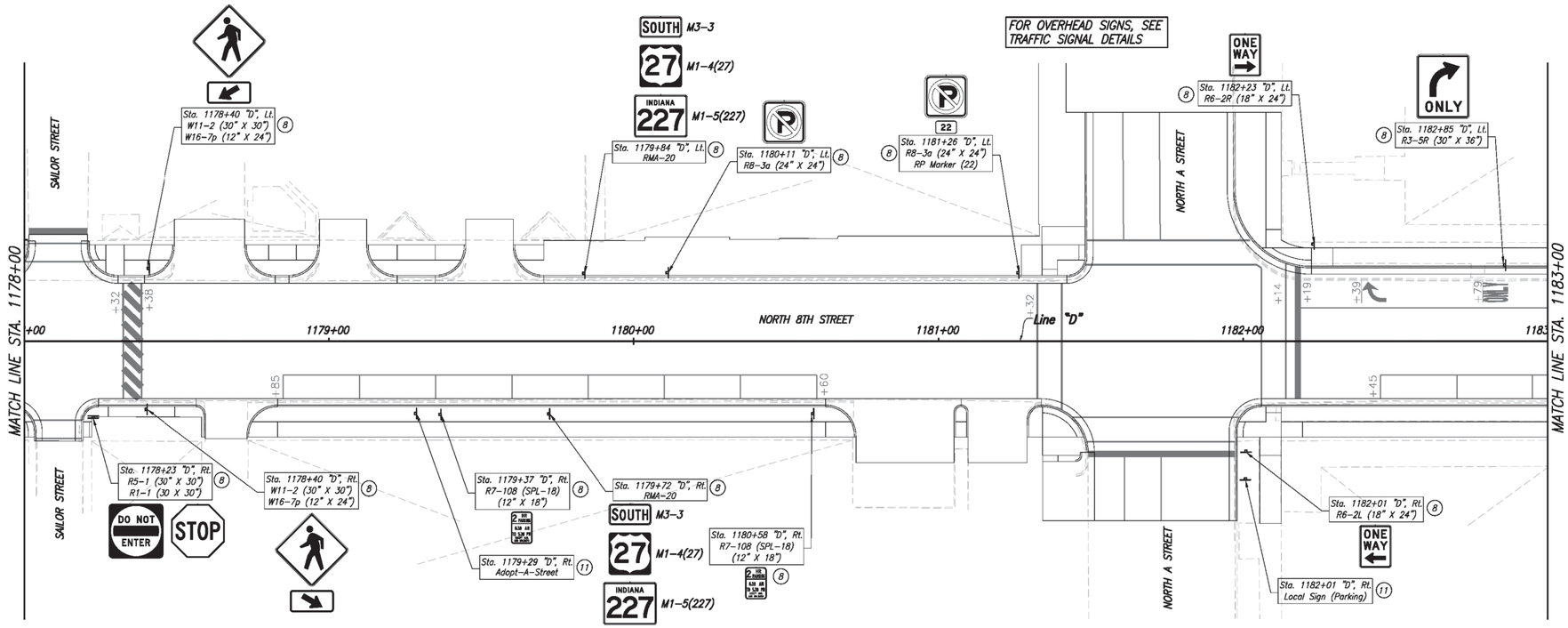
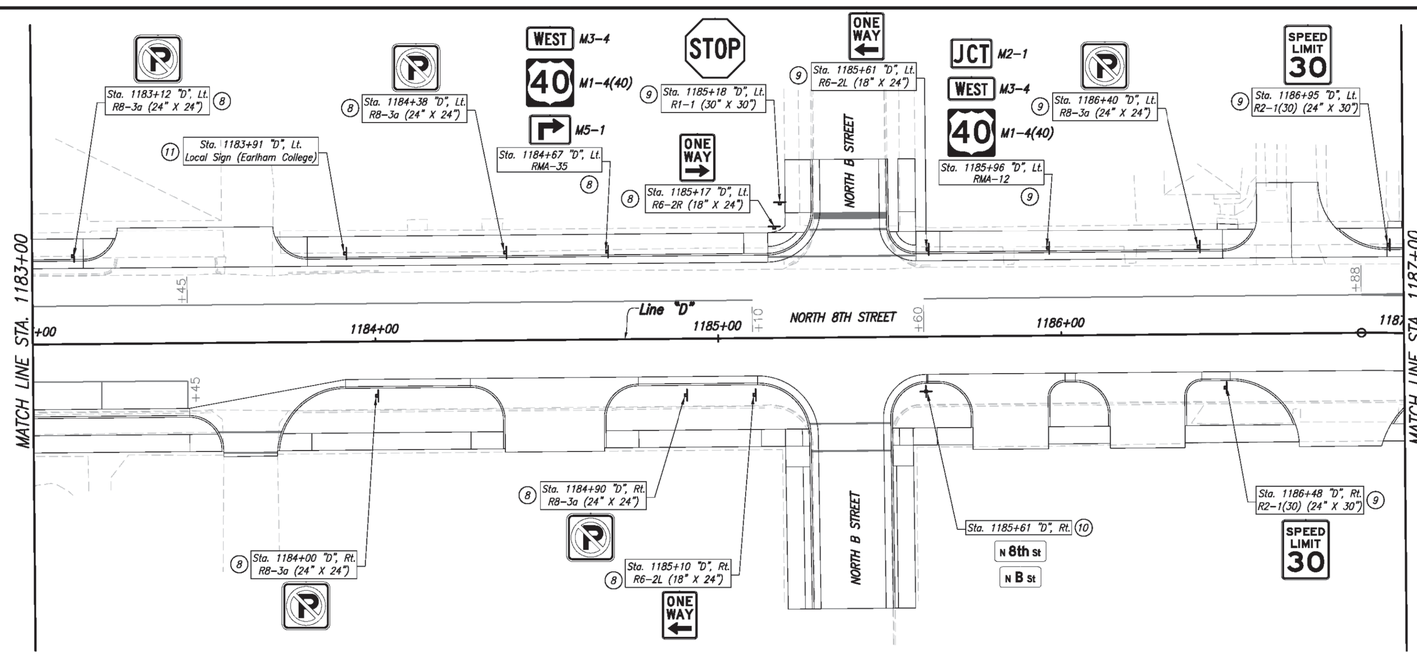
INDIANA DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	199 of 278
CONTRACT	PROJECT
R-30397	0100701





SIGNING LEGEND

(7) Existing Sign and Support to Remain in Place (Do not Disturb)

(8) Remove and Reset Existing Signs and Supports

(9) Replace Existing Signs and Supports

(10) Existing Sheet Signs (Street Names) Replace Existing Signs and Supports

(11) Existing Local Sign on New Support

(12) Install New Sign and Support

(13) Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

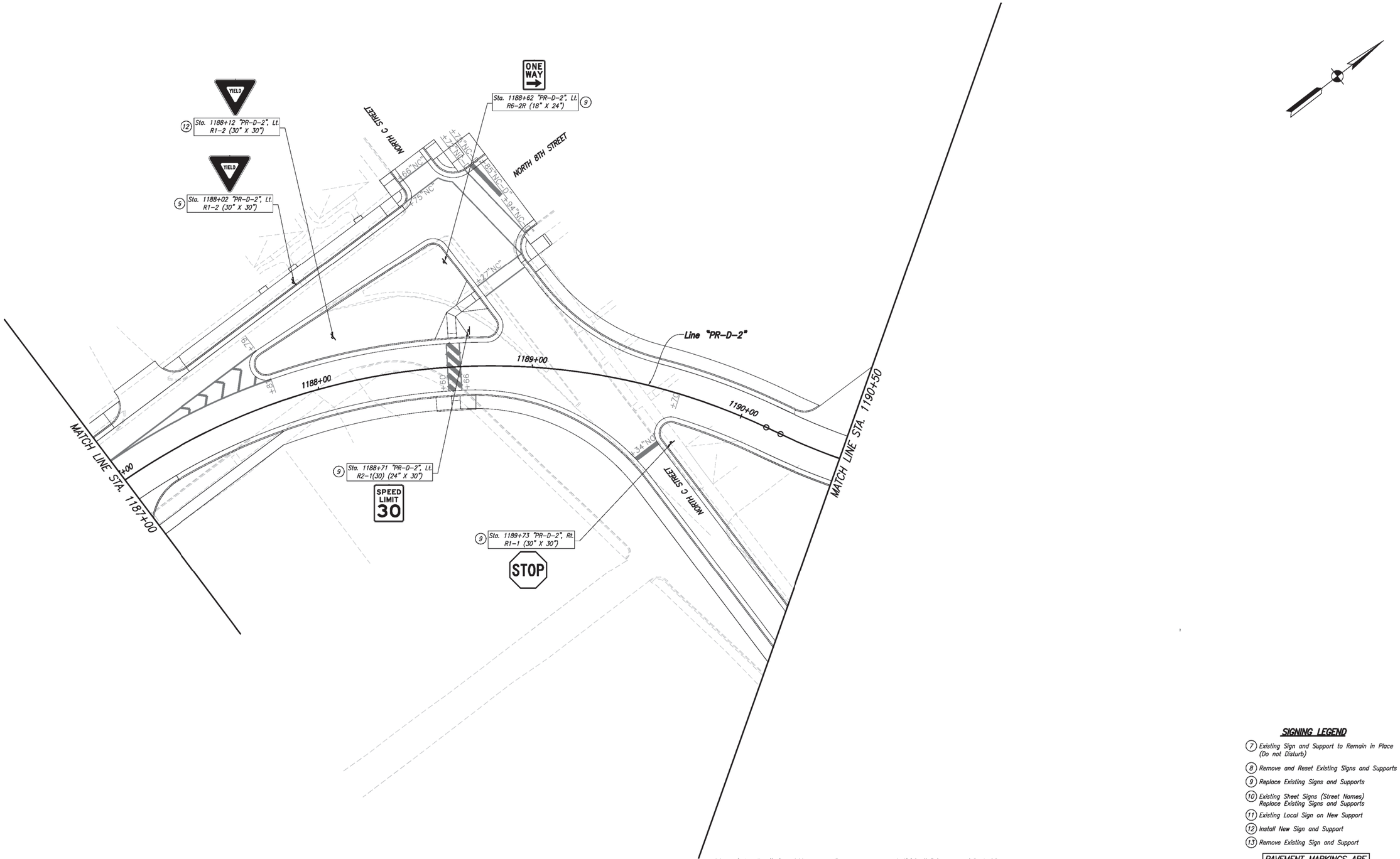
NOT FOR CONSTRUCTION

DESIGNED: GAF	DRAWN: CNC
CHECKED: CNC	CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	200 of 278
CONTRACT	PROJECT
R-30397	0100701



SIGNING LEGEND

(7) Existing Sign and Support to Remain in Place (Do not Disturb)

(8) Remove and Reset Existing Signs and Supports

(9) Replace Existing Signs and Supports

(10) Existing Sheet Signs (Street Names) Replace Existing Signs and Supports

(11) Existing Local Sign on New Support

(12) Install New Sign and Support

(13) Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

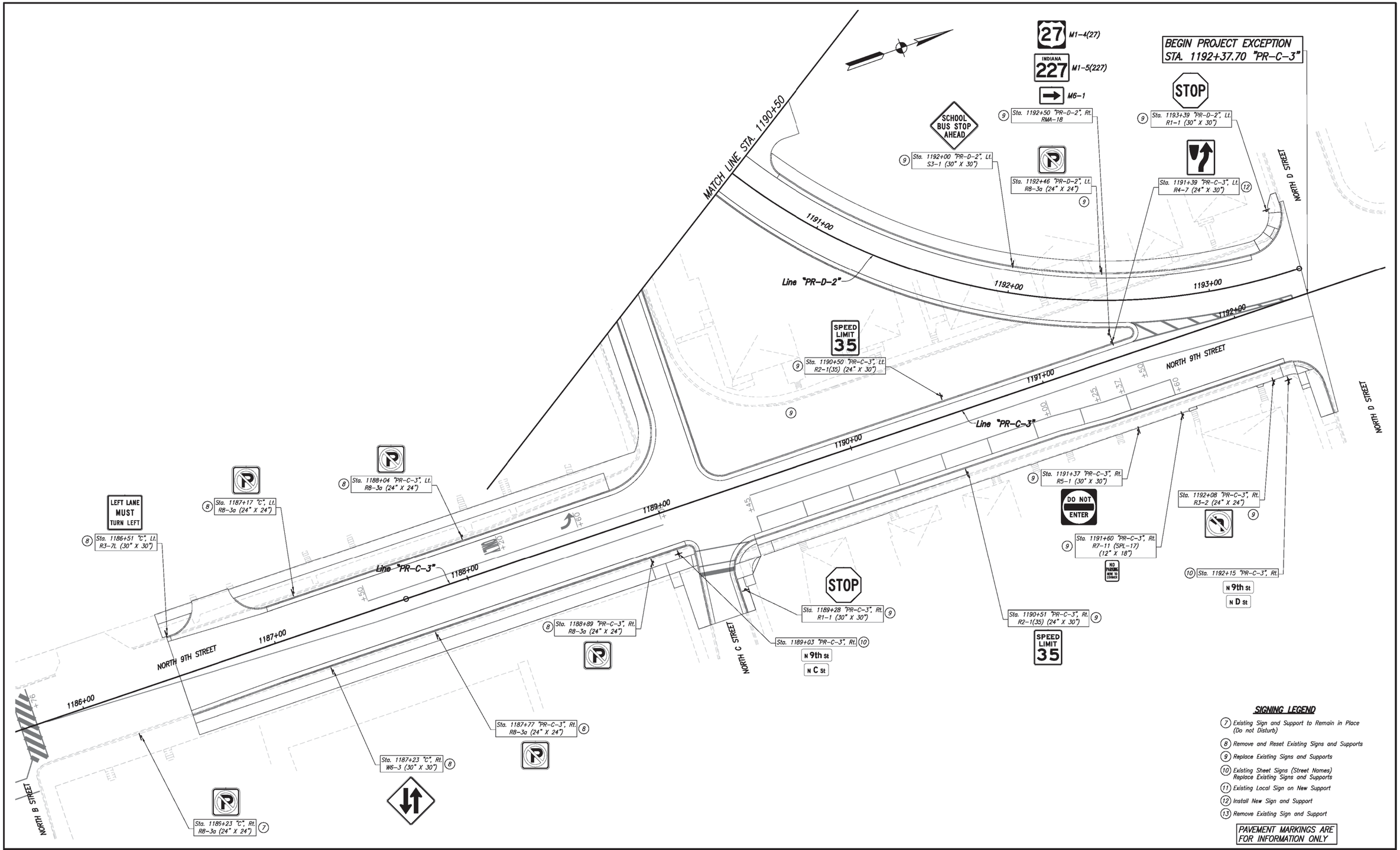
NOT FOR CONSTRUCTION

DESIGNED: GAF	DRAWN: CNC
CHECKED: CNC	CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	201 of 278
CONTRACT	PROJECT
R-30397	0100701



SIGNING LEGEND

7. Existing Sign and Support to Remain in Place (Do not Disturb)
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PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

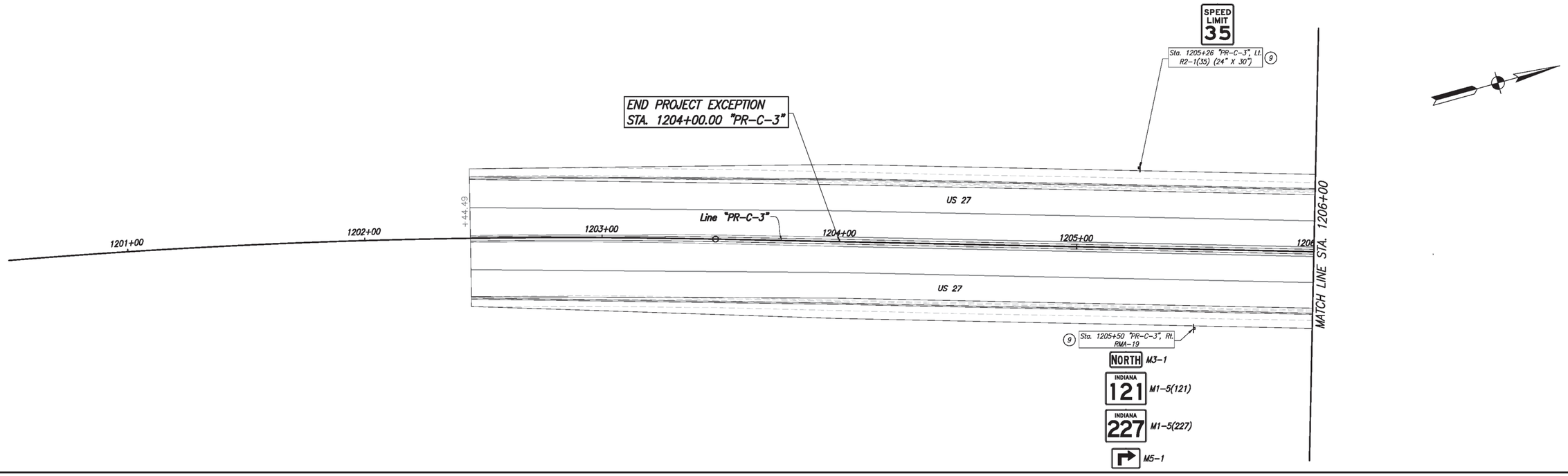
NOT FOR CONSTRUCTION

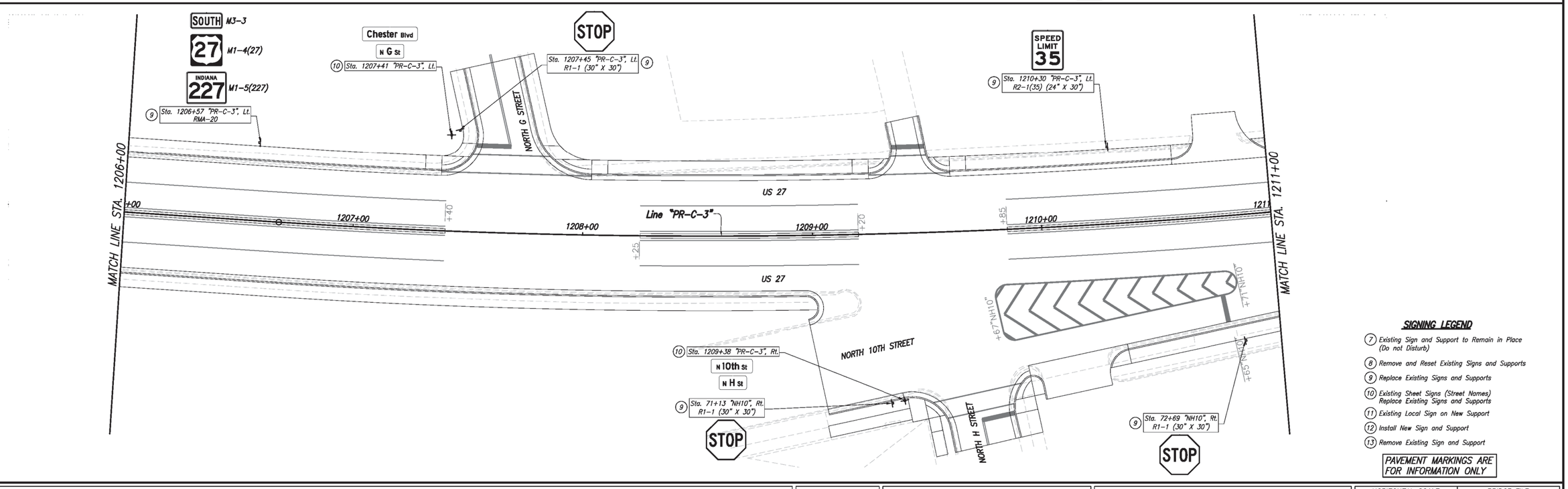
DESIGNED: GAF | DRAWN: CNC
CHECKED: CNC | CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	202 of 278
CONTRACT	PROJECT
R-30397	0100701





SIGNING LEGEND

7. Existing Sign and Support to Remain in Place (Do not Disturb)
8. Remove and Reset Existing Signs and Supports
9. Replace Existing Signs and Supports
10. Existing Sheet Signs (Street Names) Replace Existing Signs and Supports
11. Existing Local Sign on New Support
12. Install New Sign and Support
13. Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

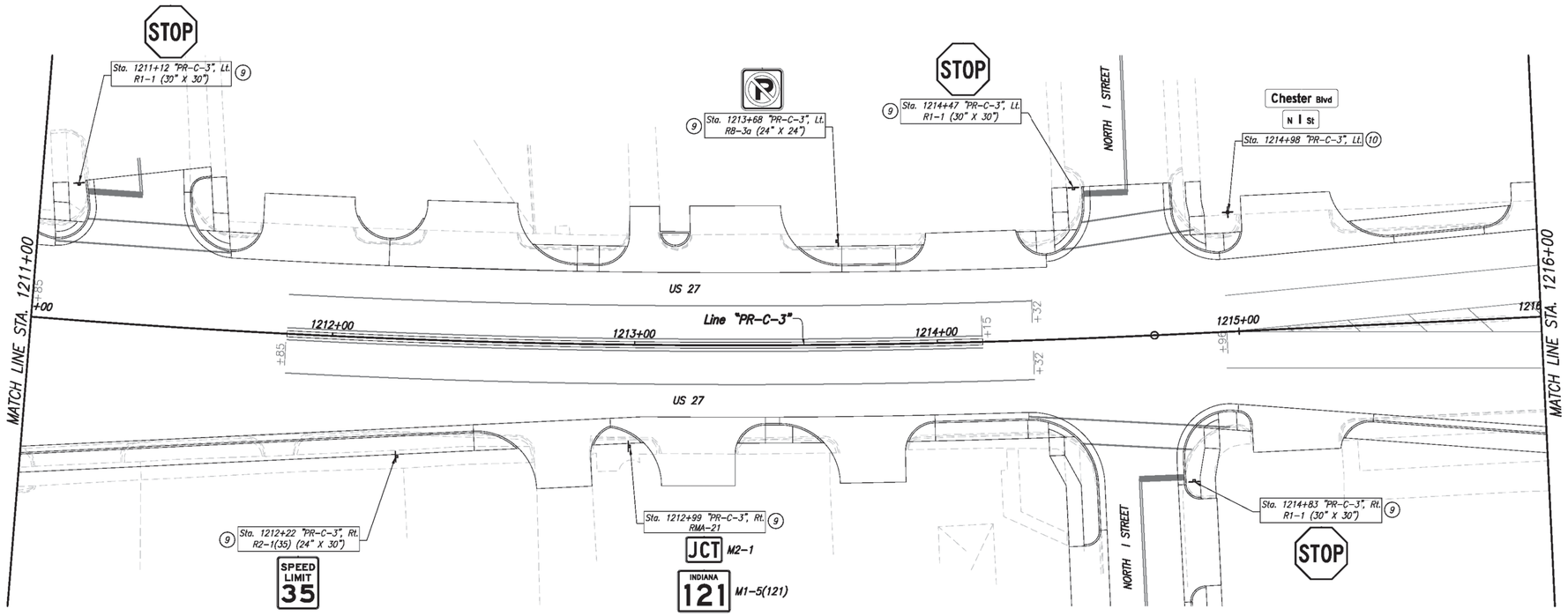
NOT FOR CONSTRUCTION

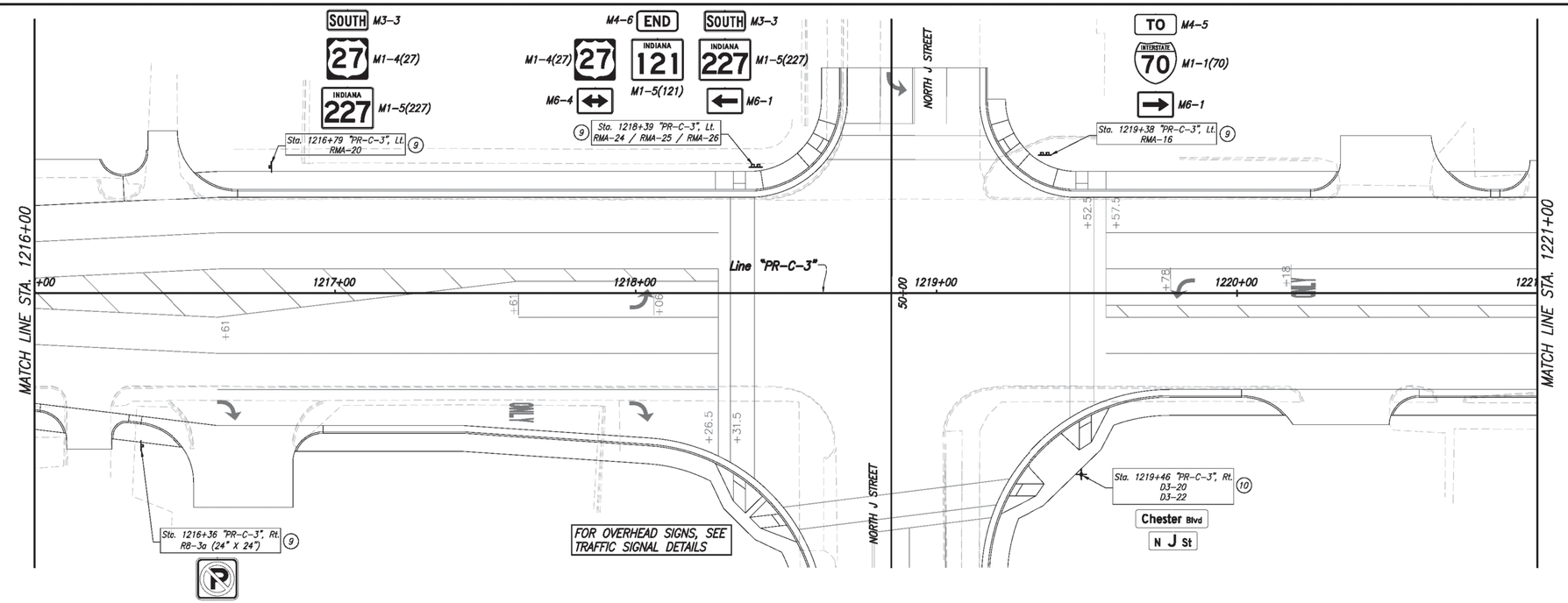
DESIGNED: GAF
DRAWN: CNC
CHECKED: CNC
CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	203 of 278
CONTRACT	PROJECT
R-30397	0100701





SIGNING LEGEND

7. Existing Sign and Support to Remain in Place (Do not Disturb)
8. Remove and Reset Existing Signs and Supports
9. Replace Existing Signs and Supports
10. Existing Sheet Signs (Street Names) Replace Existing Signs and Supports
11. Existing Local Sign on New Support
12. Install New Sign and Support
13. Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

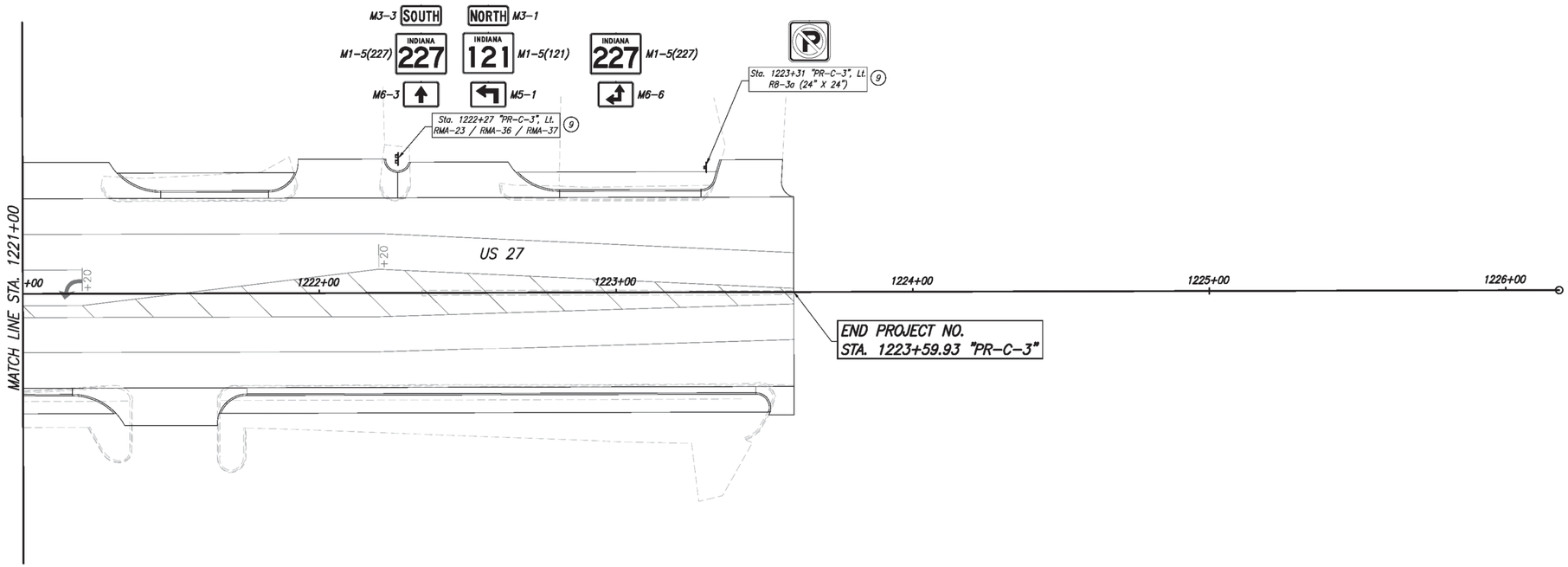
NOT FOR CONSTRUCTION

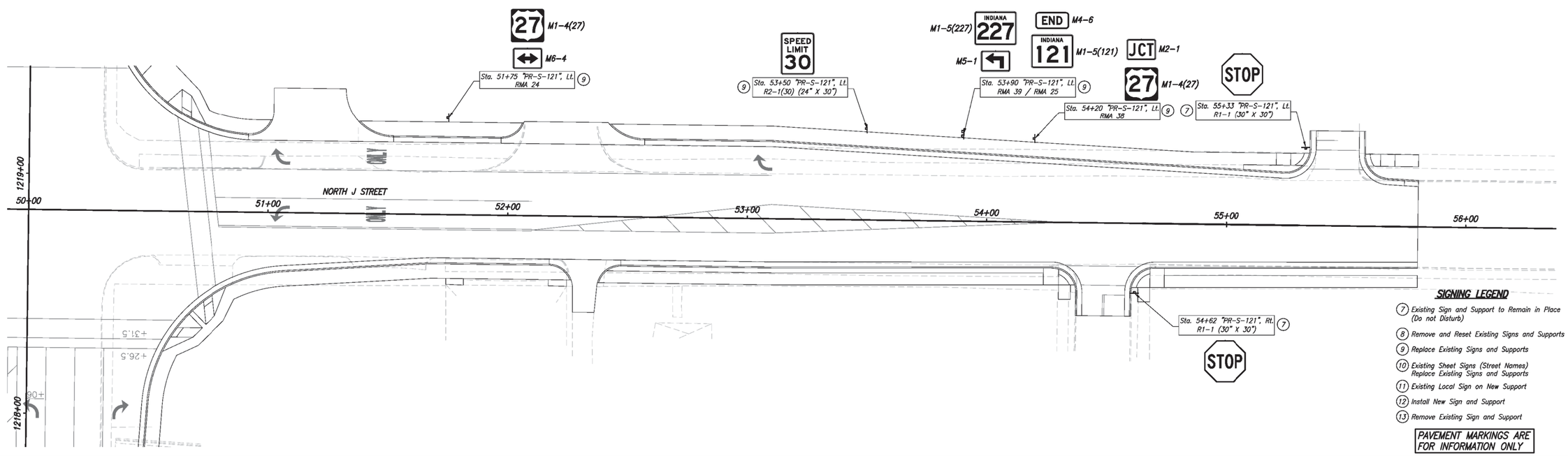
DESIGNED: GAF | DRAWN: CNC
CHECKED: CNC | CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	204 of 278
CONTRACT	PROJECT
R-30397	0100701





SIGNING LEGEND

7. Existing Sign and Support to Remain in Place (Do not Disturb)
8. Remove and Reset Existing Signs and Supports
9. Replace Existing Signs and Supports
10. Existing Sheet Signs (Street Names) Replace Existing Signs and Supports
11. Existing Local Sign on New Support
12. Install New Sign and Support
13. Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

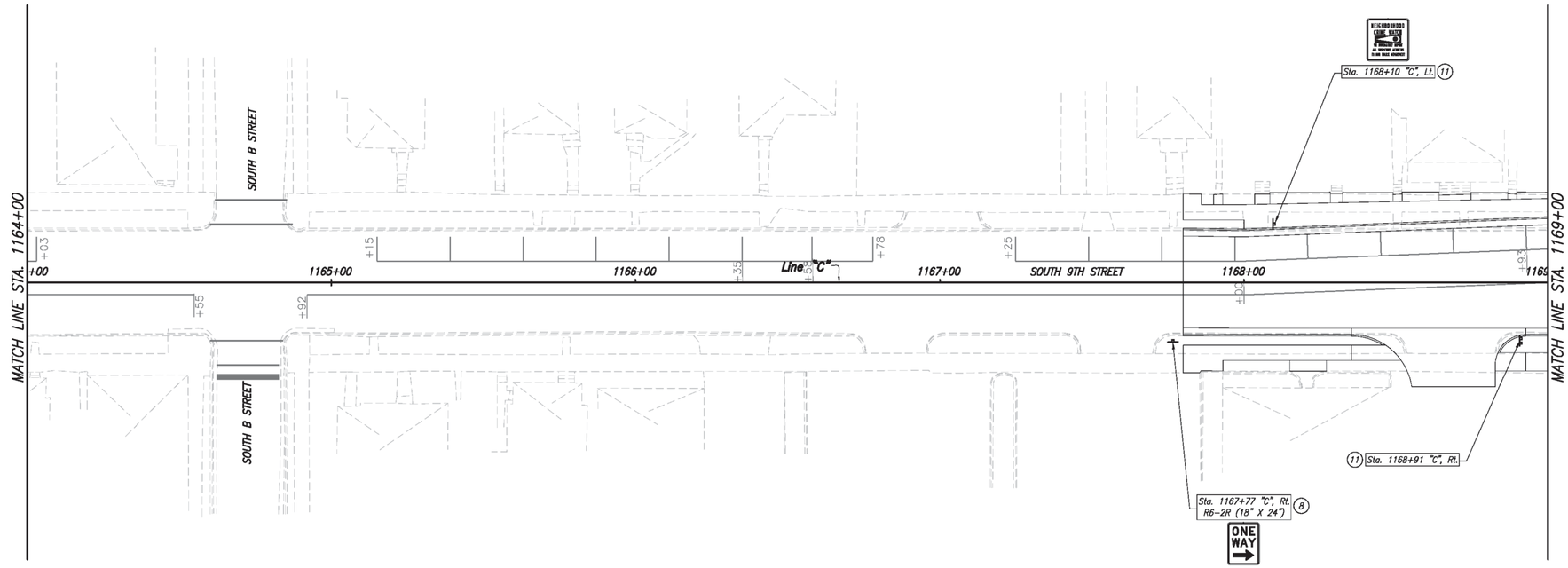
NOT FOR CONSTRUCTION

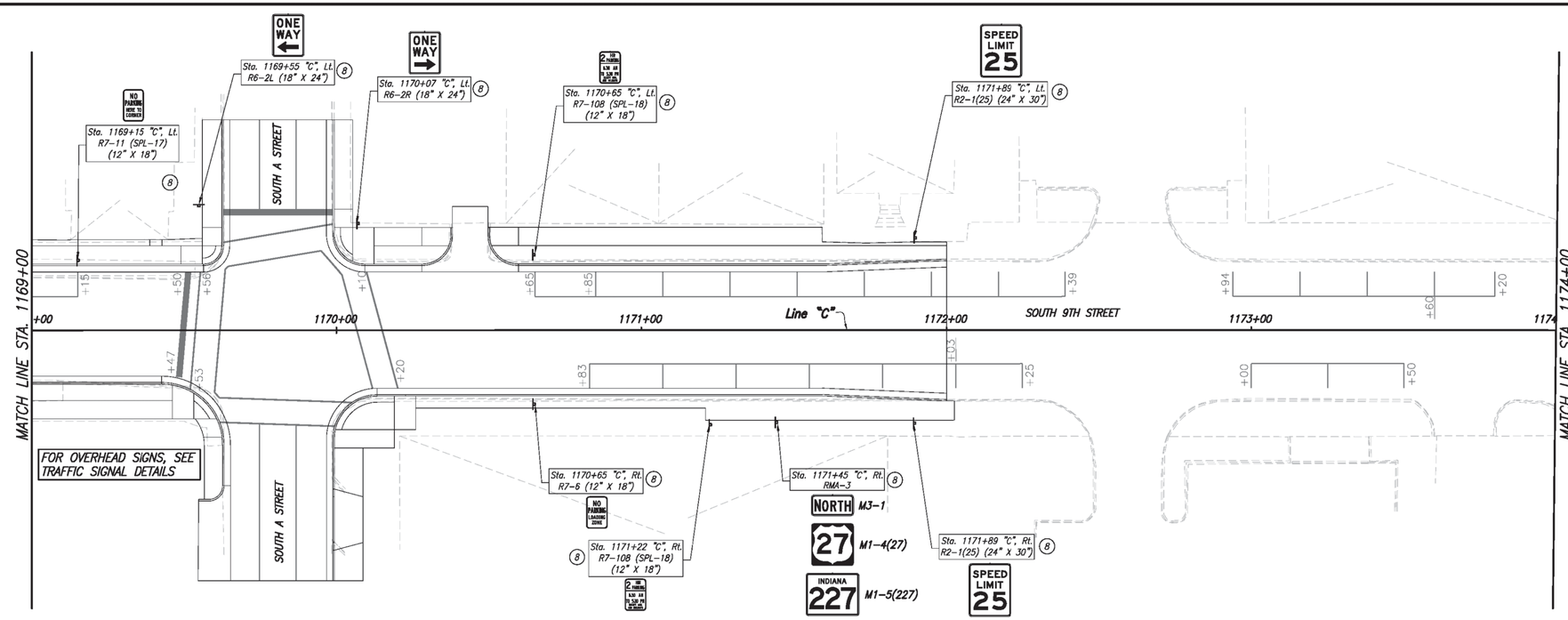
DESIGNED: GAF	DRAWN: CNC
CHECKED: CNC	CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	205 of 278
CONTRACT	PROJECT
R-30397	0100701





SIGNING LEGEND

(7) Existing Sign and Support to Remain in Place (Do not Disturb)

(8) Remove and Reset Existing Signs and Supports

(9) Replace Existing Signs and Supports

(10) Existing Sheet Signs (Street Names) Replace Existing Signs and Supports

(11) Existing Local Sign on New Support

(12) Install New Sign and Support

(13) Remove Existing Sign and Support

PAVEMENT MARKINGS ARE FOR INFORMATION ONLY

NOT FOR CONSTRUCTION

DESIGNED: GAF | DRAWN: CNC

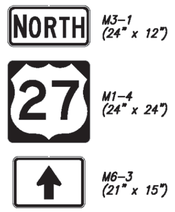
CHECKED: CNC | CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 27

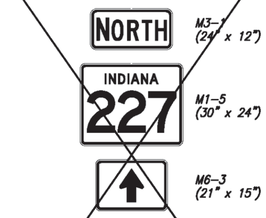
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	206 of 278
CONTRACT	PROJECT
R-30397	0100701

RMA-1



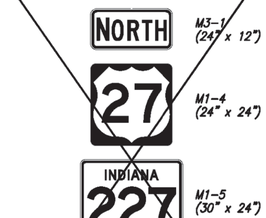
~~STA. 1146+50 "C", RT.~~
STA. 1170+14 "C" (OH) @ S. A ST.
~~STA. 1182+29 "C" (OH) @ N. A ST.~~

RMA-2



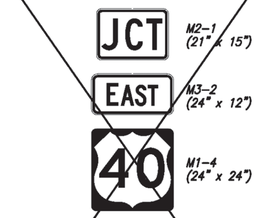
STA. 1146+50 "C", RT.
STA. 1182+29 "C" (OH) @ N. A ST.

RMA-3



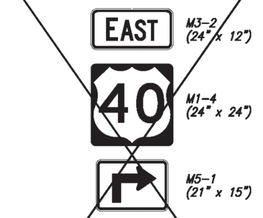
STA. 1150+34 "C", RT.
STA. 1171+45 "C", RT.
STA. 1184+06 "C", RT.

RMA-4



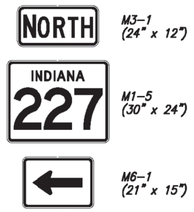
STA. 1162+27 "C", RT.
STA. 1174+20 "D", LT.

RMA-5



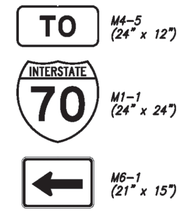
STA. 1167+16 "C", RT.

RMA-6



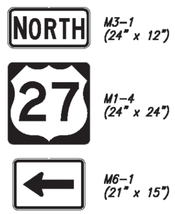
STA. 1169+92 "C" (OH) @ S. A ST.

RMA-7



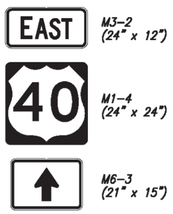
STA. 1169+88 "C" (OH) @ S. A ST.

RMA-8



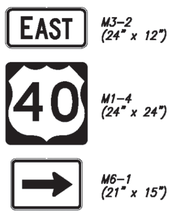
STA. 1169+83 "C" (OH) @ S. A ST.

RMA-9



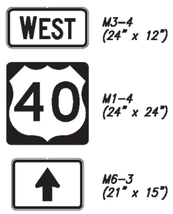
STA. 1169+76 "C" (OH) @ S. A ST.
STA. 1169+43 "D", Lt.
STA. 1181+33 "D" (OH) @ N. A ST.

RMA-10



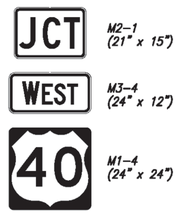
STA. 1170+14 "C" (OH) @ S. A ST.

RMA-11



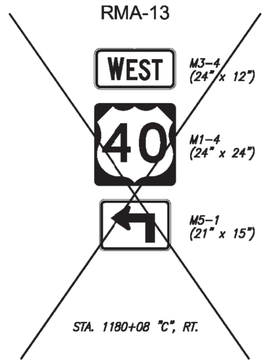
STA. 1170+14 "C" (OH) @ S. A ST.
STA. 1181+71 "C" (OH) @ N. A ST.
STA. 1181+60 "D" (OH) @ N. A ST.

RMA-12



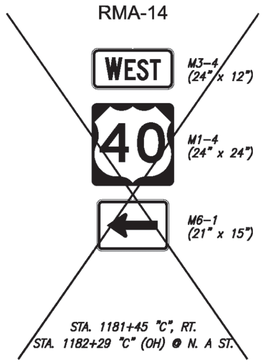
STA. 1178+07 "C", LT.
STA. 1185+96 "D", LT.

RMA-13



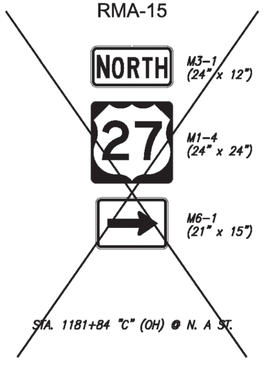
STA. 1180+08 "C", RT.

RMA-14



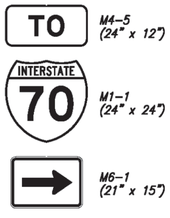
STA. 1181+45 "C", RT.
STA. 1182+29 "C" (OH) @ N. A ST.

RMA-15



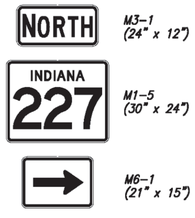
STA. 1181+84 "C" (OH) @ N. A ST.

RMA-16



STA. 1219+26 "PR-C-3" (OH) @ N. J ST.
STA. 1219+38 "PR-C-3", Lt.

RMA-17



~~STA. 1181+92 "C" (OH) @ N. A ST.~~
STA. 1219+41 "PR-C-3" (OH) @ N. J ST.

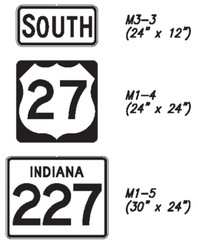
RMA-18

STA. 1192+52 "PR-D-2", RT.

RMA-19

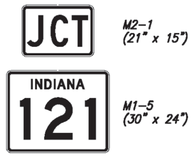
STA. 1205+50 "PR-C-3", RT.

RMA-20



STA. 1206+56 "PR-C-3", LT.
STA. 1216+79 "PR-C-3", LT.
~~STA. 1110+81 "PR-D-1", LT.~~
~~STA. 1121+61 "D", LT.~~
STA. 1121+74 "D" (OH) @ S. L ST.
~~STA. 1146+30 "D", LT. & RT.~~
~~STA. 1168+63 "D", LT.~~
~~STA. 1179+72 "D", RT.~~
~~STA. 1179+84 "D", LT.~~

RMA-21



STA. 1212+99 "PR-C-3", RT.

NOT FOR CONSTRUCTION

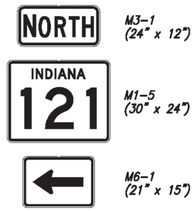
DESIGNED: GAF	DRAWN: CNC
CHECKED: DAF	CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

ROUTE MARKER ASSEMBLY DETAILS
US 27

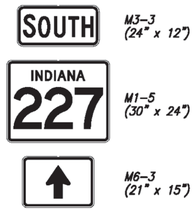
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	207 of 278
CONTRACT	PROJECT
R-30397	0100701

RMA-22



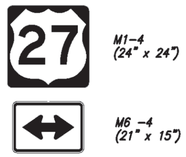
STA. 1218+53 "PR-C-3" (OH) @ N. J ST.

RMA-23



STA. 1169+32 "D" (OH) @ S. A ST.
STA. 1181+38 "D" (OH) @ N. A ST.
STA. 1218+53 "PR-C-3" (OH) @ N. J ST.
STA. 1222+27 "PR-C-3", LT.

RMA-24

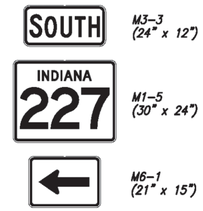


STA. 1218+39 "PR-C-3", LT.
STA. 51+75 "PR-S-121", LT.
STA. 1218+74 "PR-C-3" (OH) @ N. J ST.

RMA-25

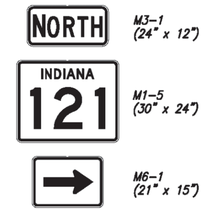
STA. 1218+39 "PR-C-3", LT.
STA. 53+54 "PR-S-121", LT.
STA. 1218+74 "PR-C-3" (OH) @ N. J ST.

RMA-26



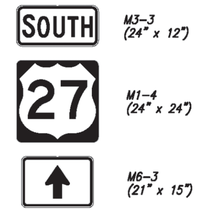
STA. 1218+39 "PR-C-3", LT.
STA. 1181+60 "D" (OH) @ N. A ST.
STA. 1218+74 "PR-C-3" (OH) @ N. J ST.

RMA-27



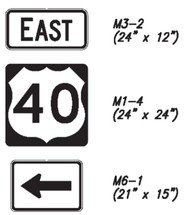
STA. 1219+41 "PR-C-3" (OH) @ N. J ST.

RMA-28



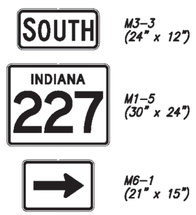
STA. 1169+32 "D" (OH) @ S. A ST.
STA. 1181+38 "D" (OH) @ N. A ST.
STA. 1218+53 "PR-C-3" (OH) @ N. J ST.

RMA-29



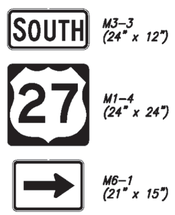
STA. 1169+32 "D" (OH) @ S. A ST.

RMA-30



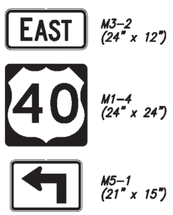
STA. 1169+56 "D" (OH) @ S. A ST.

RMA-31



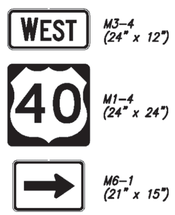
STA. 1169+63 "D" (OH) @ S. A ST.

RMA-32



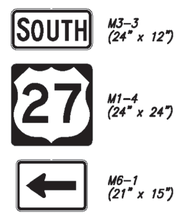
STA. 1172+41 "D", LT.
STA. 1172+51 "D", RT.

RMA-33



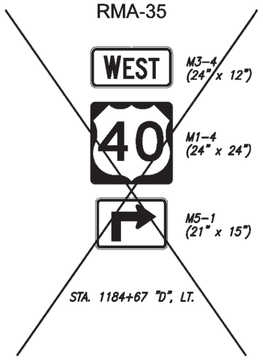
STA. 1181+38 "D" (OH) @ N. A ST.

RMA-34



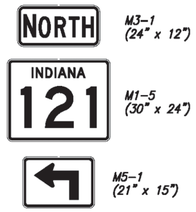
STA. 1181+68 "D" (OH) @ N. A ST.

RMA-35



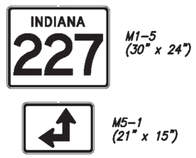
STA. 1184+67 "D", LT.

RMA-36



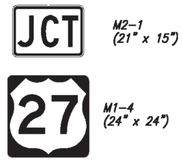
STA. 1222+27 "PR-C-3", LT.

RMA-37



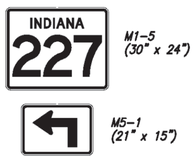
STA. 1222+27 "PR-C-3", LT.

RMA-38



STA. 54+20 "PR-S-121", LT.

RMA-39



STA. 53+90 "PR-S-121", LT.

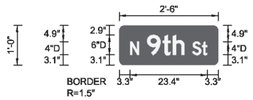
NOT FOR CONSTRUCTION

DESIGNED: GAF	DRAWN: CNC
CHECKED: DAF	CHECKED: GAF

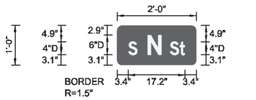
INDIANA
DEPARTMENT OF TRANSPORTATION

ROUTE MARKER ASSEMBLY DETAILS
US 27

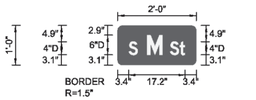
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	208 of 278
CONTRACT	PROJECT
R-30397	0100701



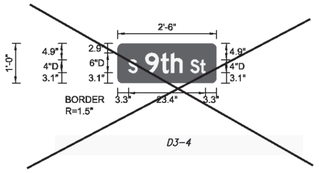
D3–1



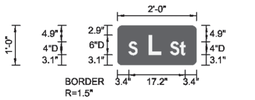
D3–2



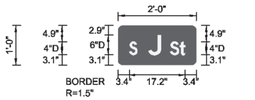
D3–3



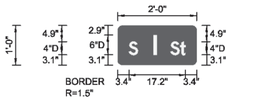
D3–4



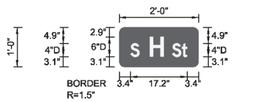
D3–5



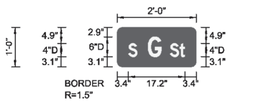
D3–7



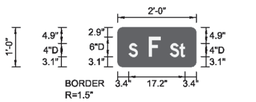
D3–8



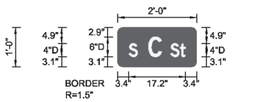
D3–9



D3–10



D3–11



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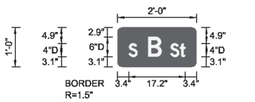
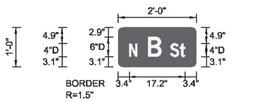
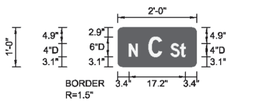


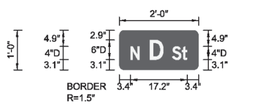
D3–13



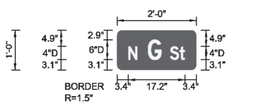
D3–15



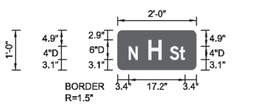
D3–16



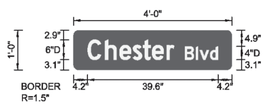
D3–17



D3–18



D3–19



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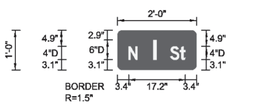

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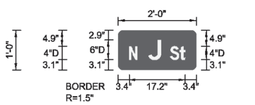
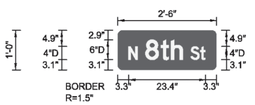
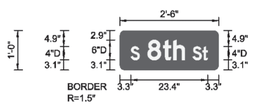


D3–22



D3–23



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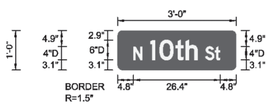
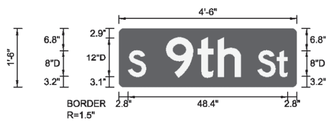
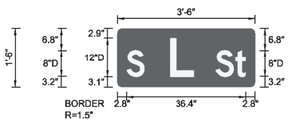


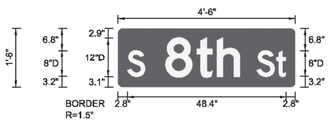
D3–25



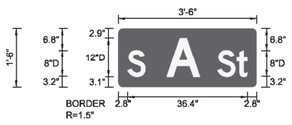
D3–2–1



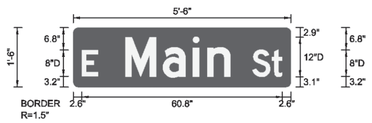
D3–2–2



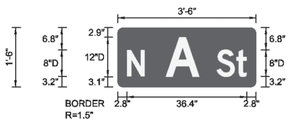
D3–2–3



D3–2–4



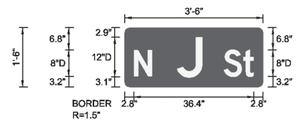
D3–2–5



D3–2–6

D3–2–7

D3–2–8



D3–2–9

NOT FOR CONSTRUCTION

DESIGNED: GAF
DRAWN: CNC
CHECKED: DAF
CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

STREET SIGN DETAILS
US 27

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	0100701
SURVEY BOOK	SHEETS
	209 of 278
CONTRACT	PROJECT
R-30397	0100701

PROJECT NO.	0100701
COMM. NO.	01-089-037

NOTES:

1. LOCATION OF SERVICE MAY CHANGE DEPENDING ON FINAL LOCATION BY UTILITY.
2. CONTRACTOR SHALL LEAVE NYLON PULL CORD IN ALL CONDUITS.
3. FOR EXACT PAVEMENT MARKINGS SEE STRIPING DETAILS.
4. FINAL LOOP AND DETECTOR HOUSING LOCATIONS TO BE DETERMINED BY INDOT GREENFIELD DISTRICT TRAFFIC PERSONNEL.
5. THE R3-5 (R or L) SIGNS SHOULD BE PLACED AS NEAR AS POSSIBLE TO THE CENTER OF THE RESPECTIVE RIGHT AND LEFT TURN LANES.
6. RADIO INTERCONNECT SHALL BE INSTALLED AT THIS LOCATION.

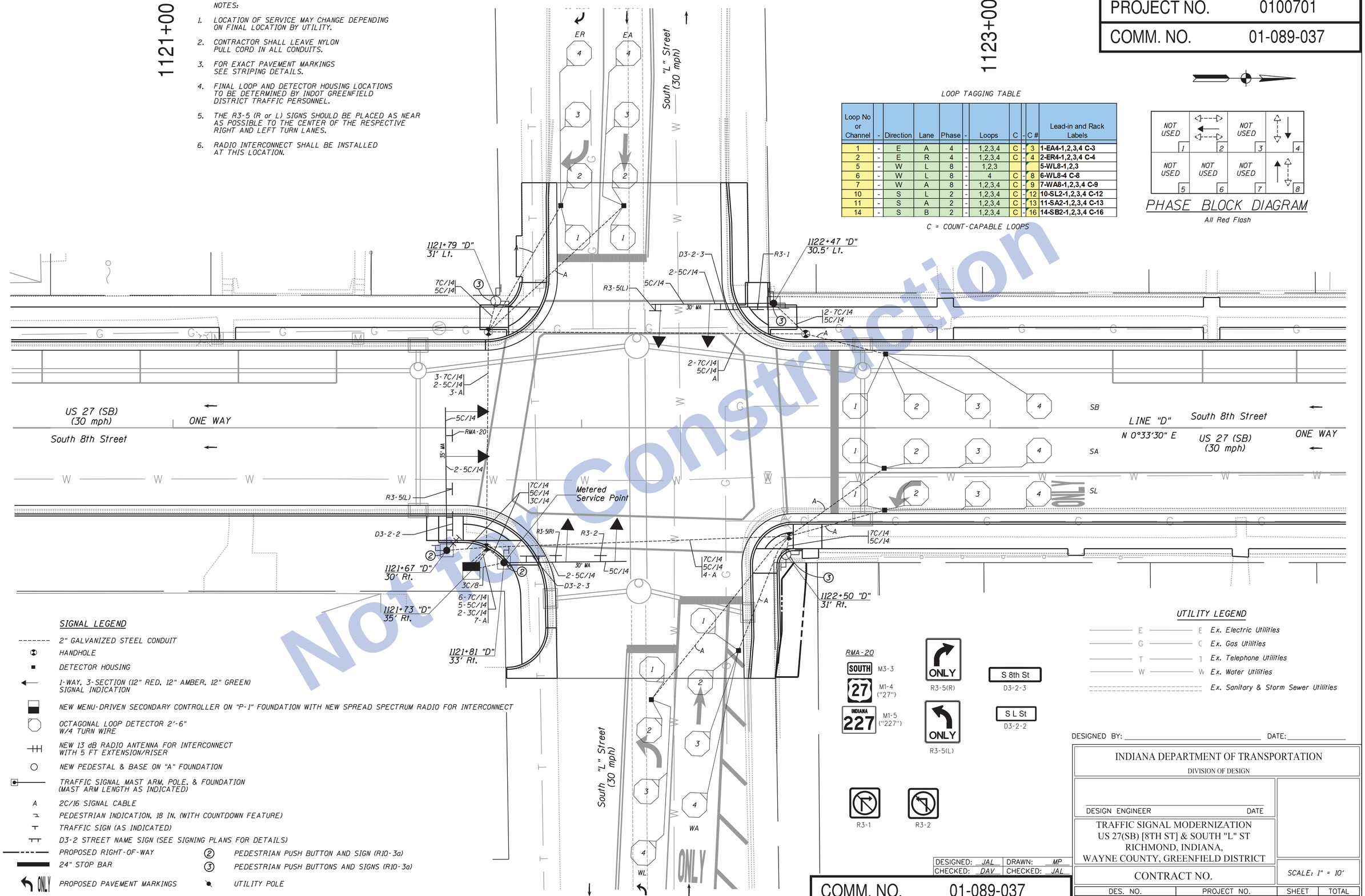
LOOP TAGGING TABLE

Loop No or Channel	-	Direction	Lane	Phase	-	Loops	C	-	C #	Lead-in and Rack Labels
1	-	E	A	4	-	1,2,3,4	C	-	3	1-EA4-1,2,3,4 C-3
2	-	E	R	4	-	1,2,3,4	C	-	4	2-ER4-1,2,3,4 C-4
5	-	W	L	8	-	1,2,3				5-WL8-1,2,3
6	-	W	L	8	-	4	C	-	8	6-WL8-4 C-8
7	-	W	A	8	-	1,2,3,4	C	-	9	7-WA8-1,2,3,4 C-9
10	-	S	L	2	-	1,2,3,4	C	-	12	10-SL2-1,2,3,4 C-12
11	-	S	A	2	-	1,2,3,4	C	-	13	11-SA2-1,2,3,4 C-13
14	-	S	B	2	-	1,2,3,4	C	-	16	14-SB2-1,2,3,4 C-16

C = COUNT-CAPABLE LOOPS

PHASE BLOCK DIAGRAM

All Red Flash



Not For Construction

SIGNAL LEGEND

- 2" GALVANIZED STEEL CONDUIT
- HANDHOLE
- DETECTOR HOUSING
- 1-WAY, 3-SECTION (12" RED, 12" AMBER, 12" GREEN) SIGNAL INDICATION
- NEW MENU-DRIVEN SECONDARY CONTROLLER ON "P-1" FOUNDATION WITH NEW SPREAD SPECTRUM RADIO FOR INTERCONNECT
- OCTAGONAL LOOP DETECTOR 2'-6" W/4 TURN WIRE
- NEW 13 dB RADIO ANTENNA FOR INTERCONNECT WITH 5 FT EXTENSION/RISER
- NEW PEDESTAL & BASE ON "A" FOUNDATION
- TRAFFIC SIGNAL MAST ARM, POLE, & FOUNDATION (MAST ARM LENGTH AS INDICATED)
- A — 2C/16 SIGNAL CABLE
- PEDESTRIAN INDICATION, 18 IN. (WITH COUNTDOWN FEATURE)
- TRAFFIC SIGN (AS INDICATED)
- D3-2 STREET NAME SIGN (SEE SIGNING PLANS FOR DETAILS)
- PROPOSED RIGHT-OF-WAY
- 24" STOP BAR
- ONLY — PROPOSED PAVEMENT MARKINGS
- (2) — PEDESTRIAN PUSH BUTTON AND SIGN (R10-3a)
- (3) — PEDESTRIAN PUSH BUTTONS AND SIGNS (R10-3a)
- UTILITY POLE

UTILITY LEGEND

- E — Ex. Electric Utilities
- G — Ex. Gas Utilities
- T — Ex. Telephone Utilities
- W — Ex. Water Utilities
- Ex. Sanitary & Storm Sewer Utilities

DESIGNED BY: _____ DATE: _____

INDIANA DEPARTMENT OF TRANSPORTATION

DIVISION OF DESIGN

DESIGN ENGINEER DATE

TRAFFIC SIGNAL MODERNIZATION
US 27(SB) [8TH ST] & SOUTH "L" ST
RICHMOND, INDIANA,
WAYNE COUNTY, GREENFIELD DISTRICT

CONTRACT NO.

SCALE: 1" = 10'

DES. NO.	PROJECT NO.	SHEET	TOTAL
0100701	0100701	210	278

DESIGNED: JAL	DRAWN: MP
CHECKED: DAV	CHECKED: JAL

COMM. NO. 01-089-037

PROJECT NO.	0100701
COMM. NO.	01-089-039

NOTES:

1. LOCATION OF SERVICE MAY CHANGE DEPENDING ON FINAL LOCATION BY UTILITY.
2. CONTRACTOR SHALL LEAVE NYLON PULL CORD IN ALL CONDUITS.
3. FOR EXACT PAVEMENT MARKINGS SEE STRIPING DETAILS.
4. FINAL LOOP AND DETECTOR HOUSING LOCATIONS TO BE DETERMINED BY INDOT GREENFIELD DISTRICT TRAFFIC PERSONNEL.
5. EXISTING FIBER OPTIC INTERCONNECT SHALL BE REPLACED AS PART OF THIS PROJECT.

UTILITY LEGEND

- E — Ex. Electric Utilities
- G — Ex. Gas Utilities
- T — Ex. Telephone Utilities
- W — Ex. Water Utilities
- Ex. Sanitary & Storm Sewer Utilities

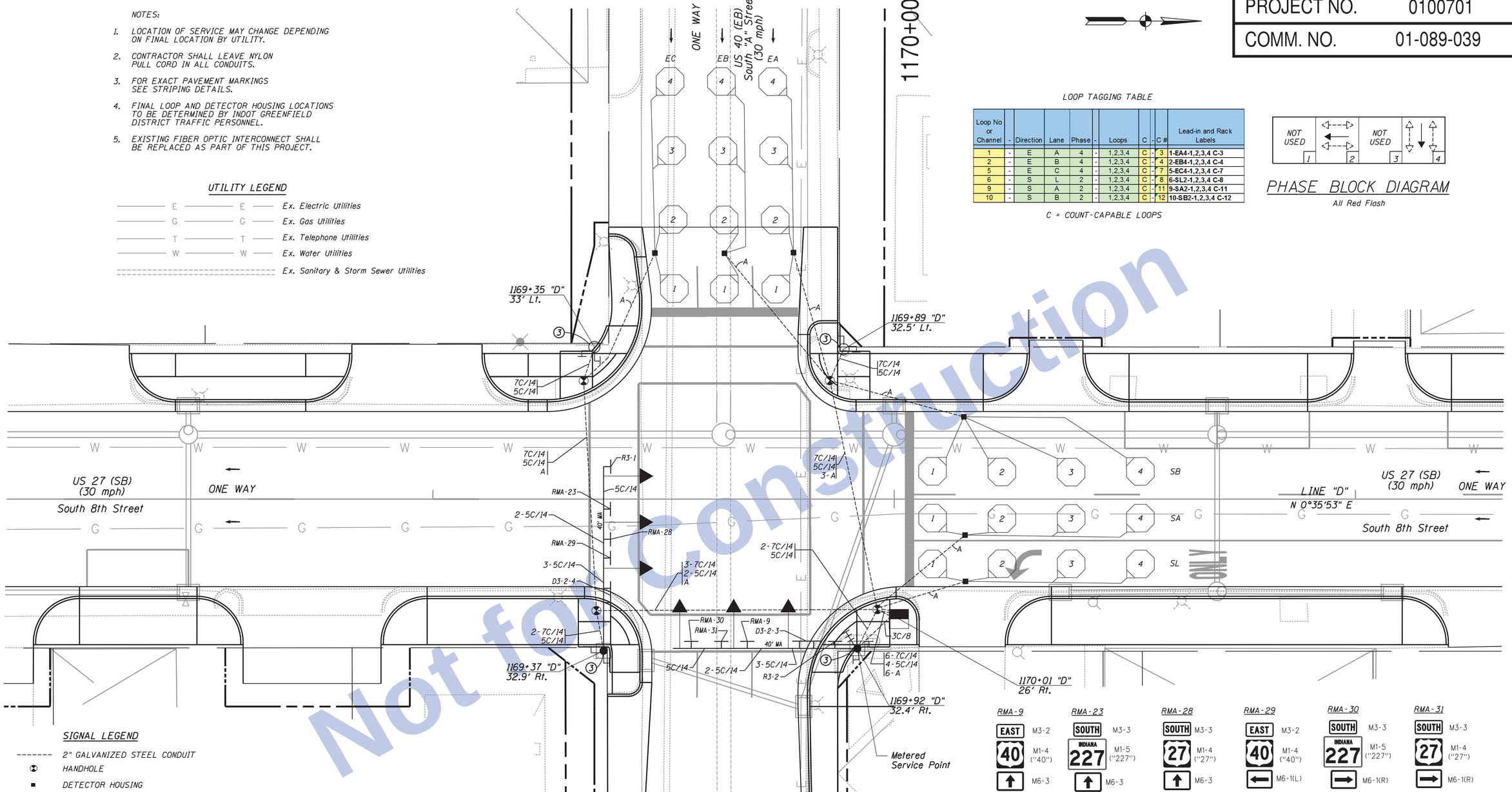
LOOP TAGGING TABLE

Loop No or Channel	-	Direction	Lane	Phase	-	Loops	C	-	C #	Lead-in and Rack Labels
1	-	E	A	4	-	1,2,3,4	C	-	3	1-EA4-1,2,3,4 C-3
2	-	E	B	4	-	1,2,3,4	C	-	4	2-EB4-1,2,3,4 C-4
5	-	E	C	4	-	1,2,3,4	C	-	7	5-EC4-1,2,3,4 C-7
6	-	S	L	2	-	1,2,3,4	C	-	8	6-SL2-1,2,3,4 C-8
9	-	S	A	2	-	1,2,3,4	C	-	11	9-SA2-1,2,3,4 C-11
10	-	S	B	2	-	1,2,3,4	C	-	12	10-SB2-1,2,3,4 C-12

C = COUNT-CAPABLE LOOPS

PHASE BLOCK DIAGRAM

All Red Flash



Not for Construction

SIGNAL LEGEND

- 2" GALVANIZED STEEL CONDUIT
- HANDHOLE
- DETECTOR HOUSING
- 1-WAY, 3-SECTION (12" RED, 12" AMBER, 12" GREEN) SIGNAL INDICATION
- NEW MENU-DRIVEN SECONDARY CONTROLLER AND MASTER CONTROLLER ON "P-1" FOUNDATION WITH NEW SPREAD SPECTRUM RADIO FOR INTERCONNECT
- OCTAGONAL LOOP DETECTOR 2'-6" W/4 TURN WIRE
- NEW 13 dB RADIO ANTENNA FOR INTERCONNECT (OMNI) WITH 5 FT EXTENSION/RISER
- NEW PEDESTAL & BASE ON "A" FOUNDATION
- TRAFFIC SIGNAL MAST ARM, POLE, & FOUNDATION (MAST ARM LENGTH AS INDICATED)
- A — 2C/16 SIGNAL CABLE
- PEDESTRIAN INDICATION, 18 IN. (WITH COUNTDOWN FEATURE)
- TRAFFIC SIGN (AS INDICATED)
- D3-2 STREET NAME SIGN (SEE SIGNING PLANS FOR DETAILS)
- PROPOSED RIGHT-OF-WAY
- 24" STOP BAR
- ③ PEDESTRIAN PUSH BUTTONS AND SIGNS (R10-3a)
- ONLY — PROPOSED PAVEMENT MARKINGS
- UTILITY POLE

DESIGNED BY: _____ DATE: _____

INDIANA DEPARTMENT OF TRANSPORTATION

DIVISION OF DESIGN

DESIGN ENGINEER DATE

TRAFFIC SIGNAL MODERNIZATION
US 27(SB)[8TH ST] & US 40(EB)[SOUTH "A" ST]
RICHMOND, INDIANA,
WAYNE COUNTY, GREENFIELD DISTRICT

CONTRACT NO.

SCALE: 1" = 10'

DESIGNED: JAL	DRAWN: MP
CHECKED: DAV	CHECKED: JAL

COMM. NO. 01-089-039

DES. NO.	PROJECT NO.	SHEET	TOTAL
0100701	0100701	211	278

PROJECT NO.	0100701
COMM. NO.	01-089-021

1175+00

NOTES:

1. LOCATION OF SERVICE MAY CHANGE DEPENDING ON FINAL LOCATION BY UTILITY.
2. CONTRACTOR SHALL LEAVE NYLON PULL CORD IN ALL CONDUITS.
3. FOR EXACT PAVEMENT MARKINGS SEE STRIPING DETAILS.
4. FINAL LOOP AND DETECTOR HOUSING LOCATIONS TO BE DETERMINED BY INDOT GREENFIELD DISTRICT TRAFFIC PERSONNEL.
5. THE R3-5 (R or L) SIGNS SHOULD BE PLACED AS NEAR AS POSSIBLE TO THE CENTER OF THE RESPECTIVE RIGHT AND LEFT TURN LANES.
6. EXISTING FIBER OPTIC INTERCONNECT SHALL BE REPLACED AS PART OF THIS PROJECT.

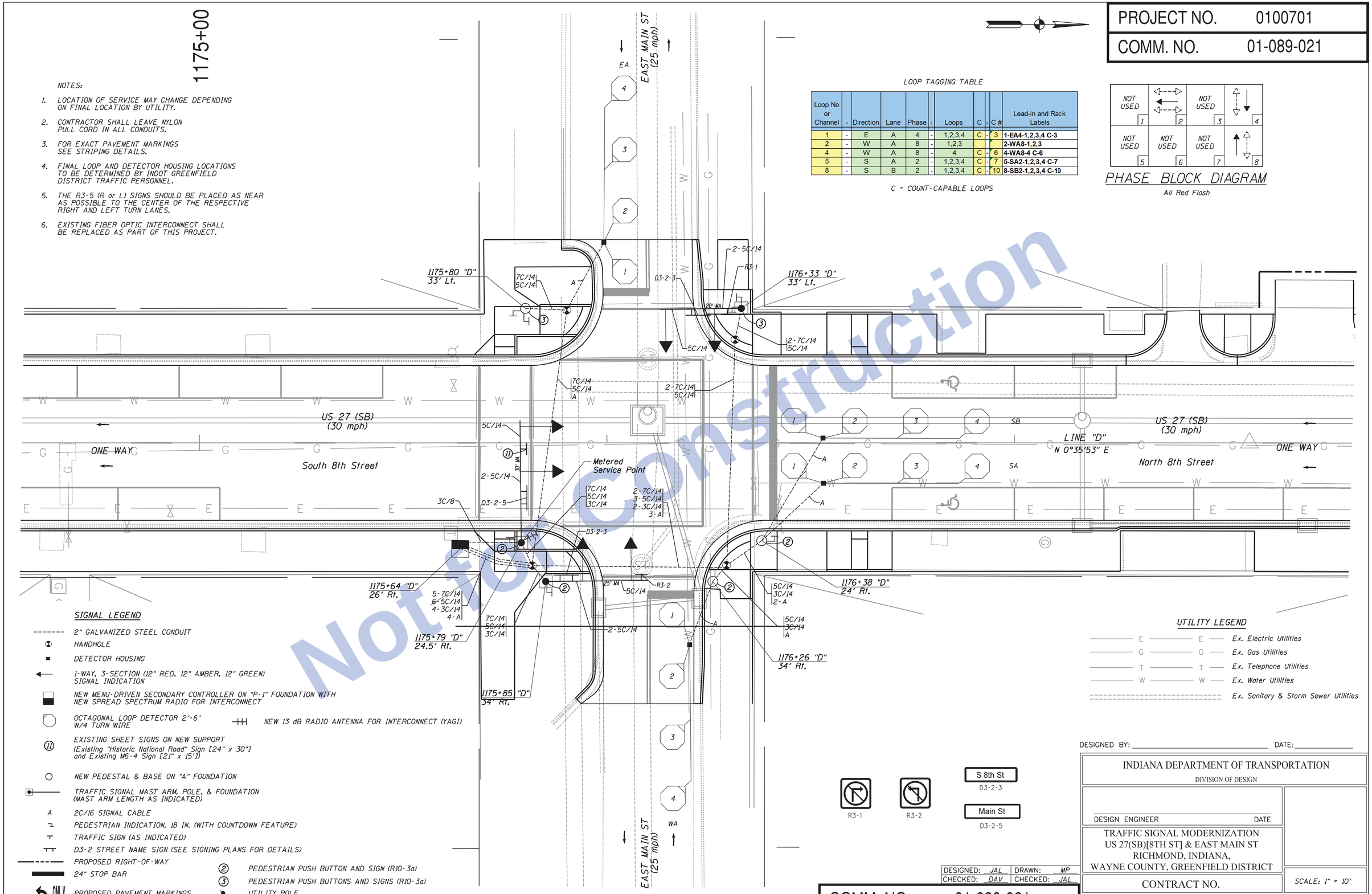
LOOP TAGGING TABLE

Loop No or Channel	-	Direction	Lane	Phase	-	Loops	C	-	C #	Lead-in and Rack Labels
1	-	E	A	4	-	1,2,3,4	C	-	3	1-EA4-1,2,3,4 C-3
2	-	W	A	8	-	1,2,3				2-WA8-1,2,3
4	-	W	A	8	-	4	C	-	6	4-WA8-4 C-6
5	-	S	A	2	-	1,2,3,4	C	-	7	5-SA2-1,2,3,4 C-7
8	-	S	B	2	-	1,2,3,4	C	-	10	8-SB2-1,2,3,4 C-10

C = COUNT-CAPABLE LOOPS

PHASE BLOCK DIAGRAM

All Red Flash



SIGNAL LEGEND

- 2" GALVANIZED STEEL CONDUIT
- HANDHOLE
- DETECTOR HOUSING
- 1-WAY, 3-SECTION (12" RED, 12" AMBER, 12" GREEN) SIGNAL INDICATION
- NEW MENU-DRIVEN SECONDARY CONTROLLER ON "P-1" FOUNDATION WITH NEW SPREAD SPECTRUM RADIO FOR INTERCONNECT
- OCTAGONAL LOOP DETECTOR 2'-6" W/4 TURN WIRE
- NEW 13 dB RADIO ANTENNA FOR INTERCONNECT (YAGI)
- EXISTING SHEET SIGNS ON NEW SUPPORT (Existing "Historic National Road" Sign [24" x 30"] and Existing M6-4 Sign [21" x 15"])
- NEW PEDESTAL & BASE ON "A" FOUNDATION
- TRAFFIC SIGNAL MAST ARM, POLE, & FOUNDATION (MAST ARM LENGTH AS INDICATED)
- A — 2C/16 SIGNAL CABLE
- PEDESTRIAN INDICATION, 18 IN. (WITH COUNTDOWN FEATURE)
- TRAFFIC SIGN (AS INDICATED)
- D3-2 STREET NAME SIGN (SEE SIGNING PLANS FOR DETAILS)
- PROPOSED RIGHT-OF-WAY
- 24" STOP BAR
- ONLY — PROPOSED PAVEMENT MARKINGS
- (2) PEDESTRIAN PUSH BUTTON AND SIGN (R10-3a)
- (3) PEDESTRIAN PUSH BUTTONS AND SIGNS (R10-3a)
- UTILITY POLE

UTILITY LEGEND

- E — E — Ex. Electric Utilities
- G — G — Ex. Gas Utilities
- T — T — Ex. Telephone Utilities
- W — W — Ex. Water Utilities
- Ex. Sanitary & Storm Sewer Utilities

R3-1 R3-2

S 8th St — D3-2-3

Main St — D3-2-5

DESIGNED BY: _____ DATE: _____

INDIANA DEPARTMENT OF TRANSPORTATION
DIVISION OF DESIGN

DESIGN ENGINEER DATE

TRAFFIC SIGNAL MODERNIZATION
US 27(SB)[8TH ST] & EAST MAIN ST
RICHMOND, INDIANA,
WAYNE COUNTY, GREENFIELD DISTRICT

CONTRACT NO.

SCALE: 1" = 10'

DES. NO.	PROJECT NO.	SHEET	TOTAL
0100701	0100701	212	278

DESIGNED: JAL DRAWN: MP
CHECKED: DAV CHECKED: JAL

COMM. NO. 01-089-021

PROJECT NO.	0100701
COMM. NO.	01-089-040

NOTES:

1. LOCATION OF SERVICE MAY CHANGE DEPENDING ON FINAL LOCATION BY UTILITY.
2. CONTRACTOR SHALL LEAVE NYLON PULL CORD IN ALL CONDUITS.
3. FOR EXACT PAVEMENT MARKINGS SEE STRIPING DETAILS.
4. FINAL LOOP AND DETECTOR HOUSING LOCATIONS TO BE DETERMINED BY INDOT GREENFIELD DISTRICT TRAFFIC PERSONNEL.
5. EXISTING FIBER OPTIC INTERCONNECT SHALL BE REPLACED AS PART OF THIS PROJECT.

UTILITY LEGEND

- E — Ex. Electric Utilities
- G — Ex. Gas Utilities
- T — Ex. Telephone Utilities
- W — Ex. Water Utilities
- Ex. Sanitary & Storm Sewer Utilities

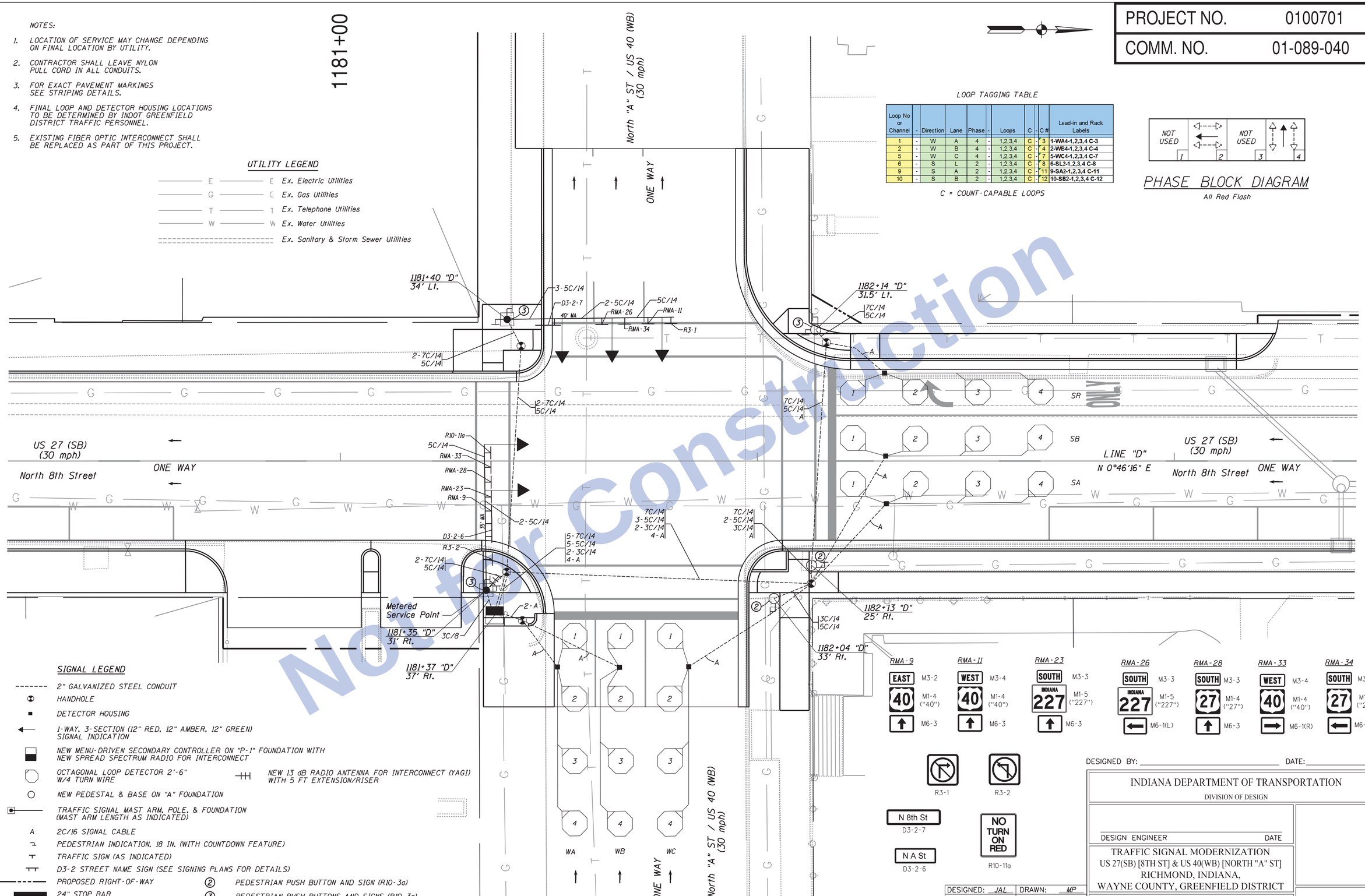
LOOP TAGGING TABLE

Loop No or Channel	-	Direction	Lane	Phase	-	Loops	C	-	C #	Lead-in and Rack Labels
1	-	W	A	4	-	1,2,3,4	C	-	3	1-WA4-1,2,3,4 C-3
2	-	W	B	4	-	1,2,3,4	C	-	4	2-WB4-1,2,3,4 C-4
5	-	W	C	4	-	1,2,3,4	C	-	7	5-WC4-1,2,3,4 C-7
6	-	S	L	2	-	1,2,3,4	C	-	8	6-SL2-1,2,3,4 C-8
9	-	S	A	2	-	1,2,3,4	C	-	11	9-SA2-1,2,3,4 C-11
10	-	S	B	2	-	1,2,3,4	C	-	12	10-SB2-1,2,3,4 C-12

C = COUNT-CAPABLE LOOPS

PHASE BLOCK DIAGRAM

All Red Flash



SIGNAL LEGEND

- 2" GALVANIZED STEEL CONDUIT
- HANDHOLE
- DETECTOR HOUSING
- 1-WAY, 3-SECTION (12" RED, 12" AMBER, 12" GREEN) SIGNAL INDICATION
- NEW MENU-DRIVEN SECONDARY CONTROLLER ON "P-1" FOUNDATION WITH NEW SPREAD SPECTRUM RADIO FOR INTERCONNECT
- OCTAGONAL LOOP DETECTOR 2'-6" W/4 TURN WIRE
- NEW 13 dB RADIO ANTENNA FOR INTERCONNECT (YAGI) WITH 5 FT EXTENSION/RISER
- NEW PEDESTAL & BASE ON "A" FOUNDATION
- TRAFFIC SIGNAL MAST ARM, POLE, & FOUNDATION (MAST ARM LENGTH AS INDICATED)
- A — 2C/16 SIGNAL CABLE
- PEDESTRIAN INDICATION, 18 IN. (WITH COUNTDOWN FEATURE)
- TRAFFIC SIGN (AS INDICATED)
- D3-2 STREET NAME SIGN (SEE SIGNING PLANS FOR DETAILS)
- PROPOSED RIGHT-OF-WAY
- 24" STOP BAR
- ONLY — PROPOSED PAVEMENT MARKINGS
- (2) PEDESTRIAN PUSH BUTTON AND SIGN (R10-3a)
- (3) PEDESTRIAN PUSH BUTTONS AND SIGNS (R10-3a)
- UTILITY POLE

Not for Construction

DESIGNED BY: _____ DATE: _____

INDIANA DEPARTMENT OF TRANSPORTATION
DIVISION OF DESIGN

DESIGN ENGINEER DATE

TRAFFIC SIGNAL MODERNIZATION
US 27(SB) [8TH ST] & US 40(WB) [NORTH "A" ST]
RICHMOND, INDIANA,
WAYNE COUNTY, GREENFIELD DISTRICT

CONTRACT NO.

SCALE: 1" = 10'

DES. NO.	PROJECT NO.	SHEET	TOTAL
0100701	0100701	213	278

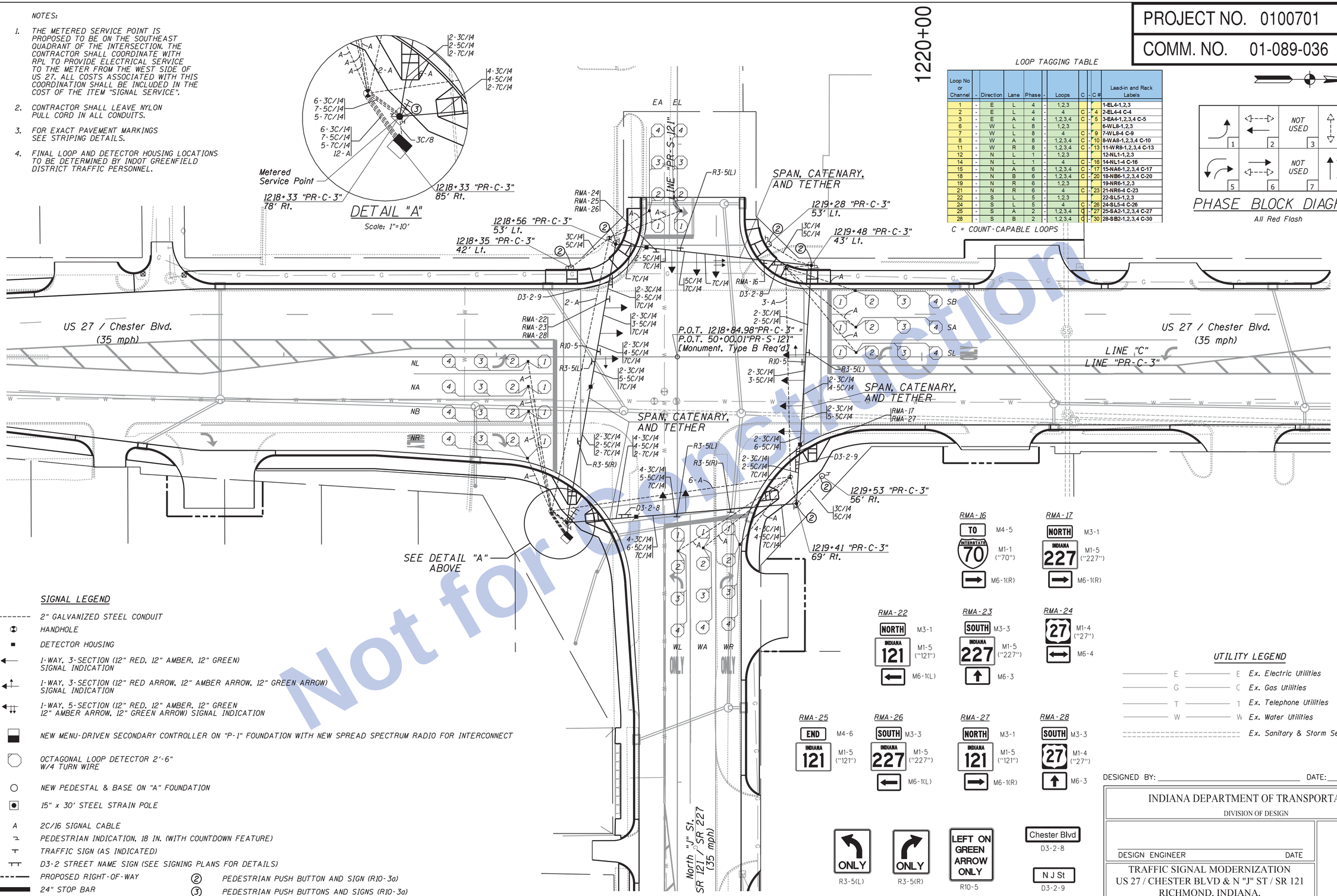
DESIGNED: JAL DRAWN: MP
CHECKED: DAV CHECKED: JAL

COMM. NO. 01-089-040

PROJECT NO.	0100701
COMM. NO.	01-089-036

NOTES:

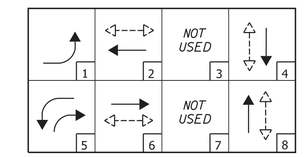
1. THE METERED SERVICE POINT IS PROPOSED TO BE ON THE SOUTHEAST QUADRANT OF THE INTERSECTION. THE CONTRACTOR SHALL COORDINATE WITH RPL TO PROVIDE ELECTRICAL SERVICE TO THE METER FROM THE WEST SIDE OF US 27. ALL COSTS ASSOCIATED WITH THIS COORDINATION SHALL BE INCLUDED IN THE COST OF THE ITEM "SIGNAL SERVICE".
2. CONTRACTOR SHALL LEAVE NYLON PULL CORD IN ALL CONDUITS.
3. FOR EXACT PAVEMENT MARKINGS SEE STRIPING DETAILS.
4. FINAL LOOP AND DETECTOR HOUSING LOCATIONS TO BE DETERMINED BY INDOT GREENFIELD DISTRICT TRAFFIC PERSONNEL.



LOOP TAGGING TABLE

Loop No or Channel	-	Direction	Lane	Phase	-	Loops	C	-	C #	Lead-in and Rack Labels
1	-	E	L	4	-	1,2,3				1-EL4-1,2,3
2	-	E	L	4	-	4	C	-	4	2-EL4-4 C-4
3	-	E	A	4	-	1,2,3,4	C	-	5	3-EA4-1,2,3,4 C-5
6	-	W	L	8	-	1,2,3				6-WL8-1,2,3
7	-	W	L	8	-	4	C	-	9	7-WL8-4 C-9
8	-	W	A	8	-	1,2,3,4	C	-	10	8-WA8-1,2,3,4 C-10
11	-	W	R	8	-	1,2,3,4	C	-	13	11-WR8-1,2,3,4 C-13
12	-	N	L	1	-	1,2,3				12-NL1-1,2,3
14	-	N	L	1	-	4	C	-	16	14-NL1-4 C-16
15	-	N	A	6	-	1,2,3,4	C	-	17	15-NA6-1,2,3,4 C-17
18	-	N	B	6	-	1,2,3,4	C	-	20	18-NB6-1,2,3,4 C-20
19	-	N	R	6	-	1,2,3				19-NR6-1,2,3
21	-	N	R	6	-	4	C	-	23	21-NR6-4 C-23
22	-	S	L	5	-	1,2,3				22-SL5-1,2,3
24	-	S	L	5	-	4	C	-	26	24-SL5-4 C-26
25	-	S	A	2	-	1,2,3,4	C	-	27	25-SA2-1,2,3,4 C-27
28	-	S	B	2	-	1,2,3,4	C	-	30	28-SB2-1,2,3,4 C-30

C = COUNT-CAPABLE LOOPS



PHASE BLOCK DIAGRAM

All Red Flash

SIGNAL LEGEND

- 2" GALVANIZED STEEL CONDUIT
- HANDHOLE
- DETECTOR HOUSING
- 1-WAY, 3-SECTION (12" RED, 12" AMBER, 12" GREEN) SIGNAL INDICATION
- 1-WAY, 3-SECTION (12" RED ARROW, 12" AMBER ARROW, 12" GREEN ARROW) SIGNAL INDICATION
- 1-WAY, 5-SECTION (12" RED, 12" AMBER, 12" GREEN 12" AMBER ARROW, 12" GREEN ARROW) SIGNAL INDICATION
- NEW MENU-DRIVEN SECONDARY CONTROLLER ON "P-1" FOUNDATION WITH NEW SPREAD SPECTRUM RADIO FOR INTERCONNECT
- OCTAGONAL LOOP DETECTOR 2'-6" W/4 TURN WIRE
- NEW PEDESTAL & BASE ON "A" FOUNDATION
- 15" x 30' STEEL STRAIN POLE
- A 2C/16 SIGNAL CABLE
- PEDESTRIAN INDICATION, 18 IN. (WITH COUNTDOWN FEATURE)
- TRAFFIC SIGN (AS INDICATED)
- D3-2 STREET NAME SIGN (SEE SIGNING PLANS FOR DETAILS)
- PROPOSED RIGHT-OF-WAY
- 24" STOP BAR
- ONLY PROPOSED PAVEMENT MARKINGS
- NEW 13 dB RADIO ANTENNA FOR INTERCONNECT (YAGI) WITH 5 FT EXTENSION/RISER
- (2) PEDESTRIAN PUSH BUTTON AND SIGN (R10-3a)
- (3) PEDESTRIAN PUSH BUTTONS AND SIGNS (R10-3a)
- UTILITY POLE

UTILITY LEGEND

- E — Ex. Electric Utilities
- G — Ex. Gas Utilities
- T — Ex. Telephone Utilities
- W — Ex. Water Utilities
- Ex. Sanitary & Storm Sewer Utilities

DESIGNED BY: _____ DATE: _____

DESIGNED: JAL	DRAWN: MP
CHECKED: DAV	CHECKED: JAL

COMM. NO. 01-089-036

INDIANA DEPARTMENT OF TRANSPORTATION
DIVISION OF DESIGN

DESIGN ENGINEER DATE

TRAFFIC SIGNAL MODERNIZATION
US 27 / CHESTER BLVD & N "J" ST / SR 121
RICHMOND, INDIANA,
WAYNE COUNTY, GREENFIELD DISTRICT

CONTRACT NO.

SCALE: 1" = 20'

DES. NO.	PROJECT NO.	SHEET	TOTAL
0100701	0100701	214	278

PROJECT NO.	0100701
COMM. NO.	01-089-034

NOTES:

1. LOCATION OF SERVICE MAY CHANGE DEPENDING ON FINAL LOCATION BY UTILITY.
2. CONTRACTOR SHALL LEAVE NYLON PULL CORD IN ALL CONDUITS.
3. FOR EXACT PAVEMENT MARKINGS SEE STRIPING DETAILS.
4. FINAL LOOP AND DETECTOR HOUSING LOCATIONS TO BE DETERMINED BY INDOT GREENFIELD DISTRICT TRAFFIC PERSONNEL.
5. EXISTING FIBER OPTIC INTERCONNECT SHALL BE REPLACED AS PART OF THIS PROJECT.

UTILITY LEGEND

- E — Ex. Electric Utilities
- G — Ex. Gas Utilities
- T — Ex. Telephone Utilities
- W — Ex. Water Utilities
- Ex. Sanitary & Storm Sewer Utilities

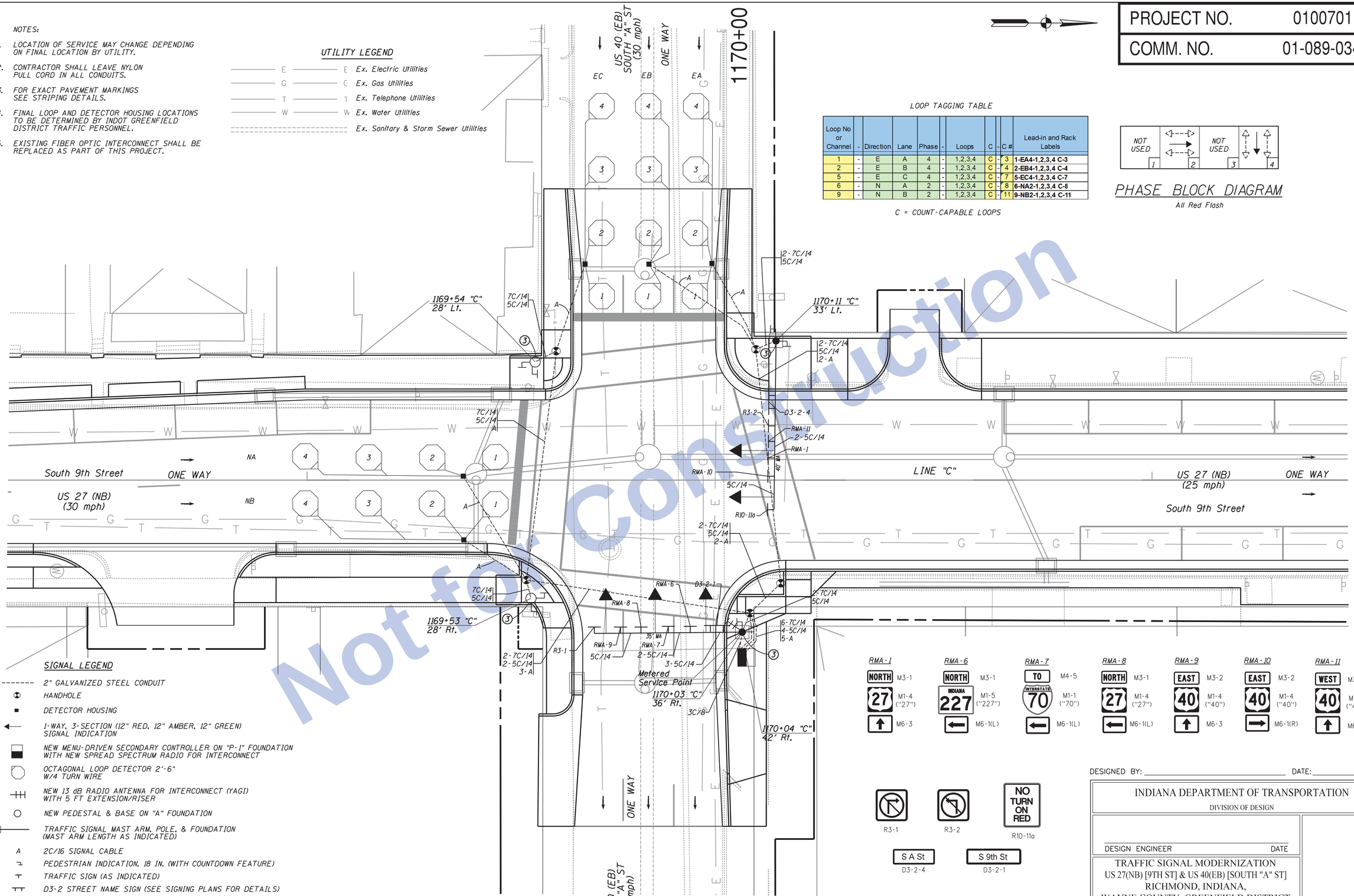
LOOP TAGGING TABLE

Loop No or Channel	-	Direction	Lane	Phase	-	Loops	C	-	C #	Lead-in and Rack Labels
1	-	E	A	4	-	1,2,3,4	C	-	3	1-EA4-1,2,3,4 C-3
2	-	E	B	4	-	1,2,3,4	C	-	4	2-EB4-1,2,3,4 C-4
5	-	E	C	4	-	1,2,3,4	C	-	7	5-EC4-1,2,3,4 C-7
6	-	N	A	2	-	1,2,3,4	C	-	8	6-NA2-1,2,3,4 C-8
9	-	N	B	2	-	1,2,3,4	C	-	11	9-NB2-1,2,3,4 C-11

C = COUNT-CAPABLE LOOPS

PHASE BLOCK DIAGRAM

All Red Flash



Not for Construction

SIGNAL LEGEND

- 2" GALVANIZED STEEL CONDUIT
- HANDHOLE
- DETECTOR HOUSING
- 1-WAY, 3-SECTION (12" RED, 12" AMBER, 12" GREEN) SIGNAL INDICATION
- NEW MENU-DRIVEN SECONDARY CONTROLLER ON "P-1" FOUNDATION WITH NEW SPREAD SPECTRUM RADIO FOR INTERCONNECT
- OCTAGONAL LOOP DETECTOR 2'-6" W/4 TURN WIRE
- NEW 13 dB RADIO ANTENNA FOR INTERCONNECT (YAGI) WITH 5 FT EXTENSION/RISER
- NEW PEDESTAL & BASE ON "A" FOUNDATION
- TRAFFIC SIGNAL MAST ARM, POLE, & FOUNDATION (MAST ARM LENGTH AS INDICATED)
- A — 2C/16 SIGNAL CABLE
- PEDESTRIAN INDICATION, 18 IN. (WITH COUNTDOWN FEATURE)
- TRAFFIC SIGN (AS INDICATED)
- D3-2 STREET NAME SIGN (SEE SIGNING PLANS FOR DETAILS)
- PROPOSED RIGHT-OF-WAY
- 24" STOP BAR
- ③ PEDESTRIAN PUSH BUTTONS AND SIGNS (R10-3a)
- ONLY — PROPOSED PAVEMENT MARKINGS
- UTILITY POLE

DESIGNED BY: _____ DATE: _____

INDIANA DEPARTMENT OF TRANSPORTATION
DIVISION OF DESIGN

DESIGN ENGINEER DATE

TRAFFIC SIGNAL MODERNIZATION
US 27(NB) [9TH ST] & US 40(EB) [SOUTH "A" ST]
RICHMOND, INDIANA,
WAYNE COUNTY, GREENFIELD DISTRICT

CONTRACT NO.

SCALE: 1" = 10'

DES. NO.	PROJECT NO.	SHEET	TOTAL
0100701	0100701	215	278

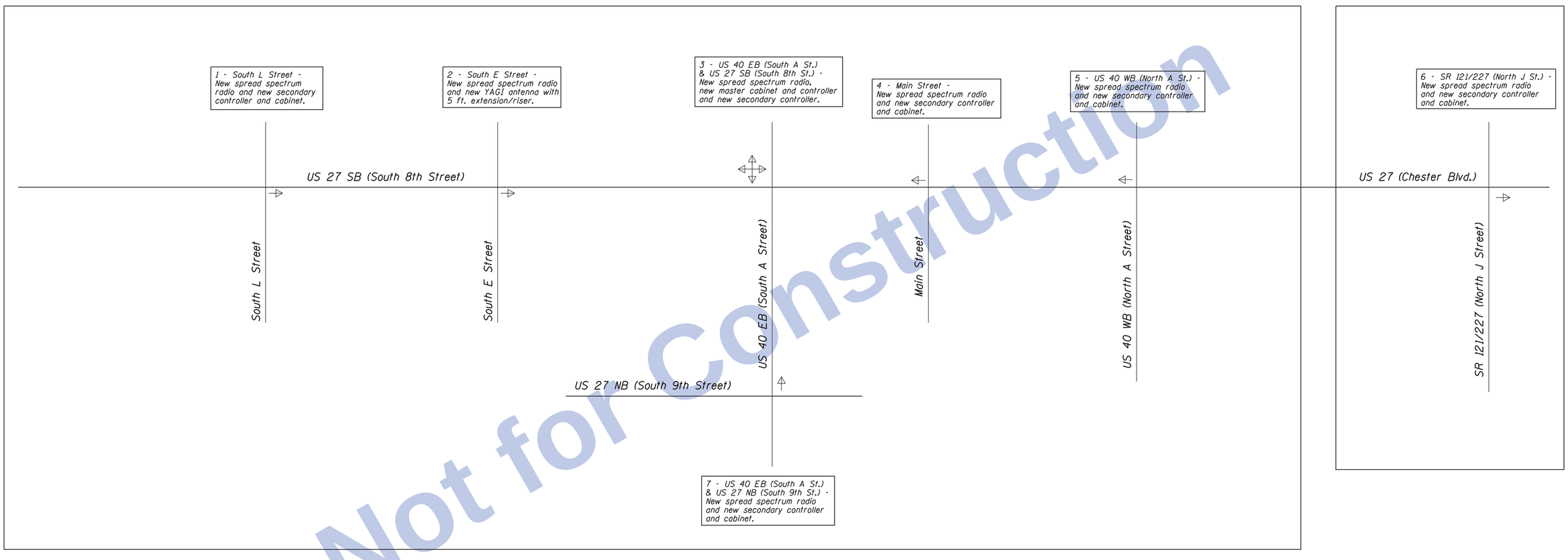
DESIGNED: JAL	DRAWN: MP
CHECKED: DAV	CHECKED: JAL

COMM. NO. 01-089-034

Traffic signals along US 40 EB included in Des. No. 0013790 are assigned to Master Controller at US 27 SB (South 8th St.) and US 40 EB (South A St.).

Intersections assigned to master controller at US 27 SB (South 8th Street) & US 40 EB (South A Street)

Assigned to master controller at Sim Hodgin Parkway



Traffic signals along US 40 EB included in Des. No. 0013790 are assigned to Master Controller at US 27 SB (South 8th St.) and US 40 EB (South A St.).

LEGEND

Antenna direction

Notes:
1) See Signal Plan Details for locations of antennae, cable, controller, and other signal equipment.
2) See Signal Plans of Des. No. 0013790 for US 40 EB signals outside the limits of this project.

Not for Construction

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

OVERALL TRAFFIC SIGNAL INTERCONNECT DETAIL

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	216 of 278
CONTRACT	PROJECT
R-30397	0100701

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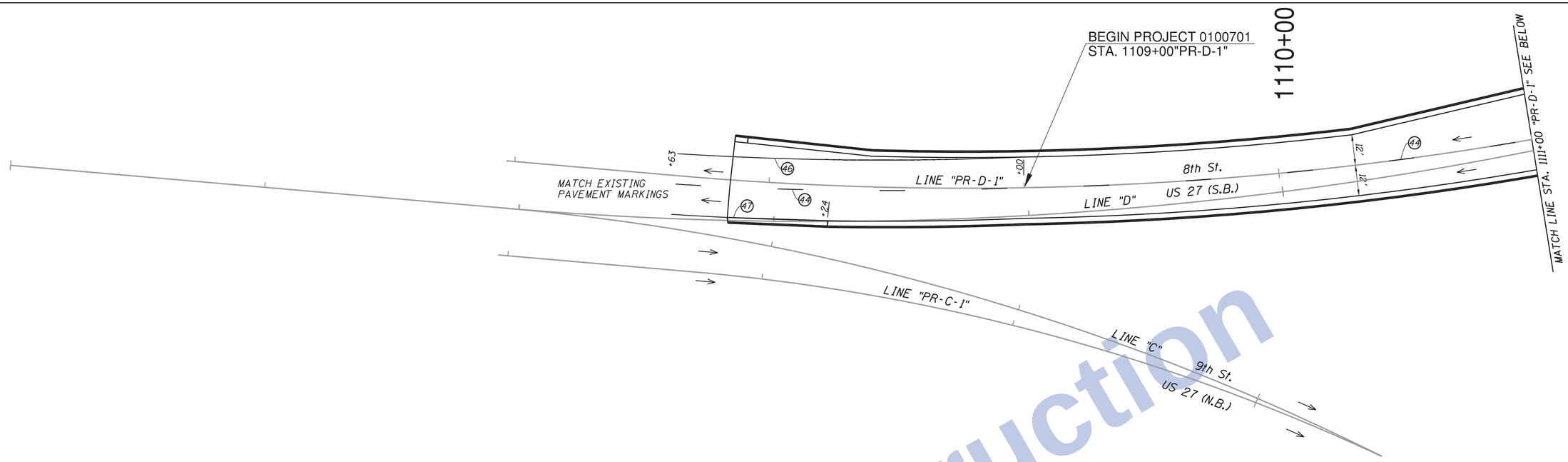
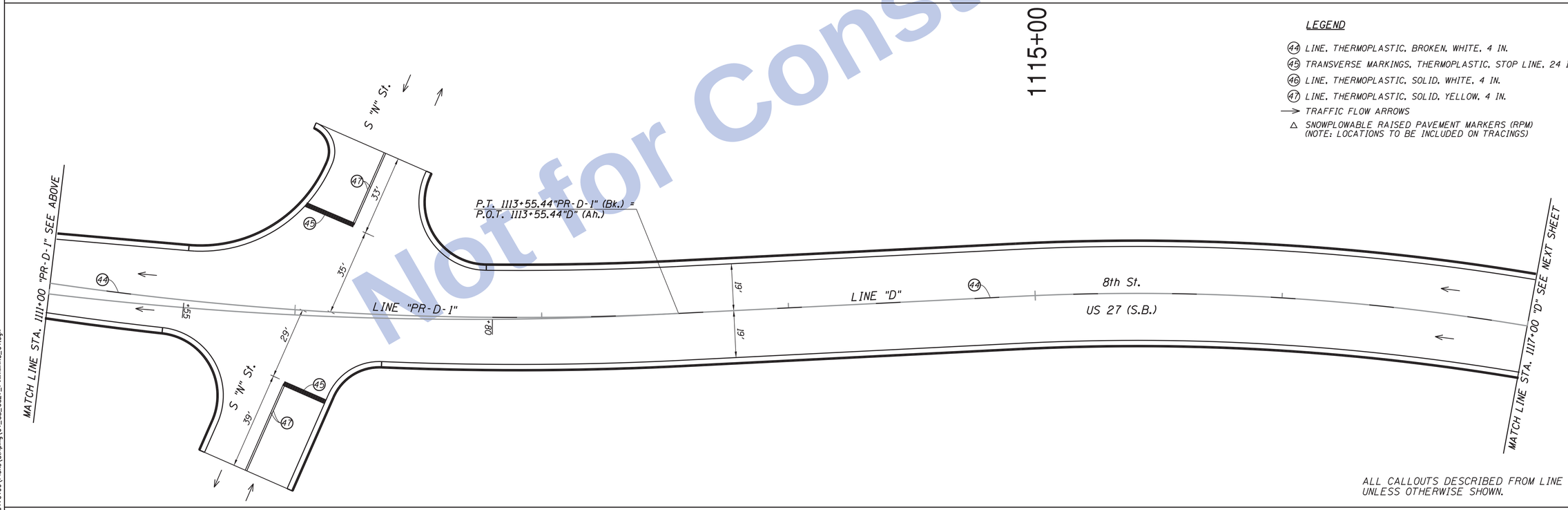


ALL CALLOUTS DESCRIBED FROM LINE "PR-D-1", UNLESS OTHERWISE SHOWN.



ALL CALLOUTS DESCRIBED FROM LINE "PR-D-1", UNLESS OTHERWISE SHOWN.

LEGEND

- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- (47) LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.
- → TRAFFIC FLOW ARROWS
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)

Not for Construction

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 27 SOUTHBOUND (8th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	217 of 278
CONTRACT	PROJECT
R-30397	0100701

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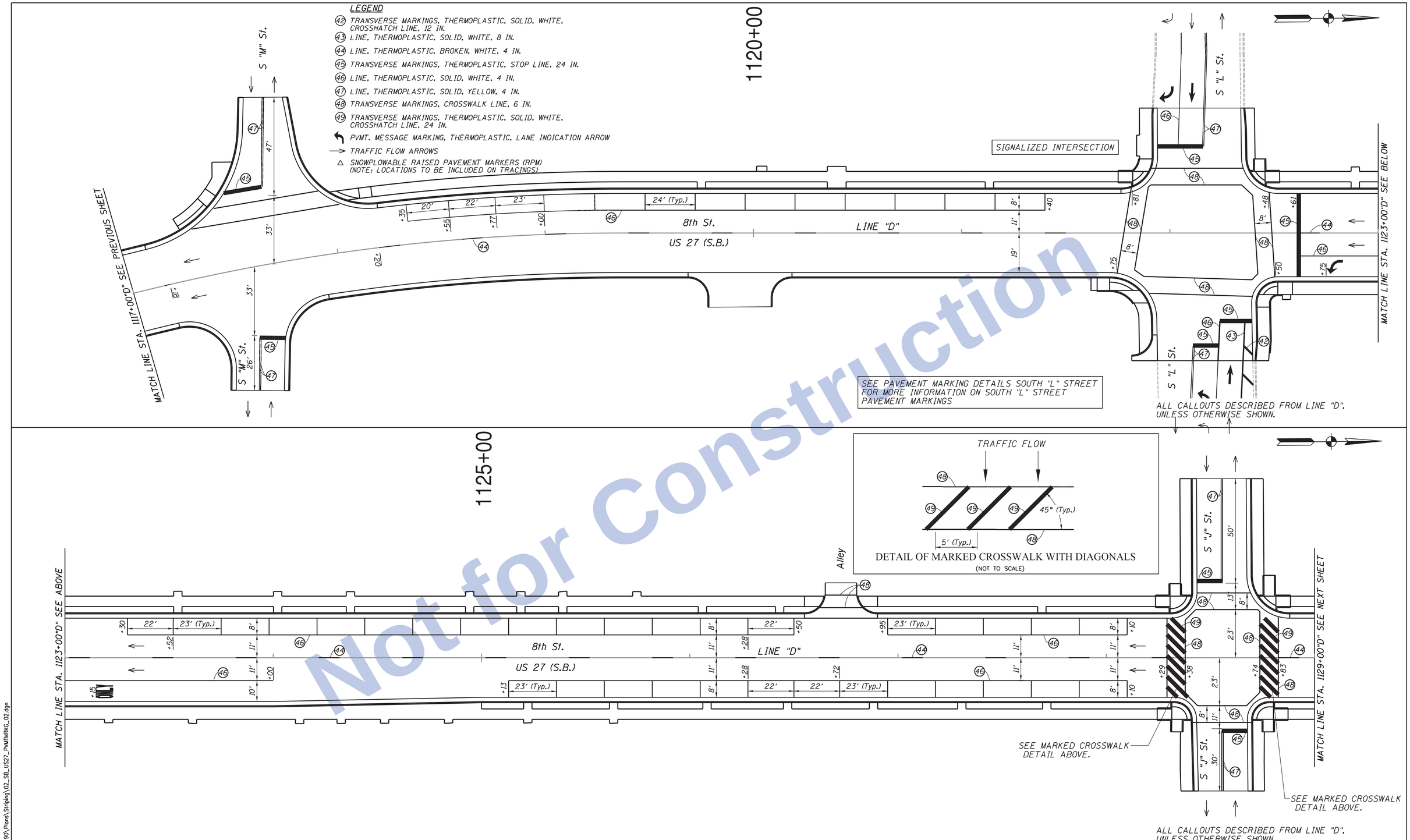
LEGEND

- (42) TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, WHITE, CROSSHATCH LINE, 12 IN.
- (43) LINE, THERMOPLASTIC, SOLID, WHITE, 8 IN.
- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- (47) LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.
- (48) TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- (49) TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, WHITE, CROSSHATCH LINE, 24 IN.
- PVMT. MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW
- TRAFFIC FLOW ARROWS
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)



Not for Construction

Clark Dietz ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 27 SOUTHBOUND (8th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	218 of 278
CONTRACT	PROJECT
R-30397	0100701

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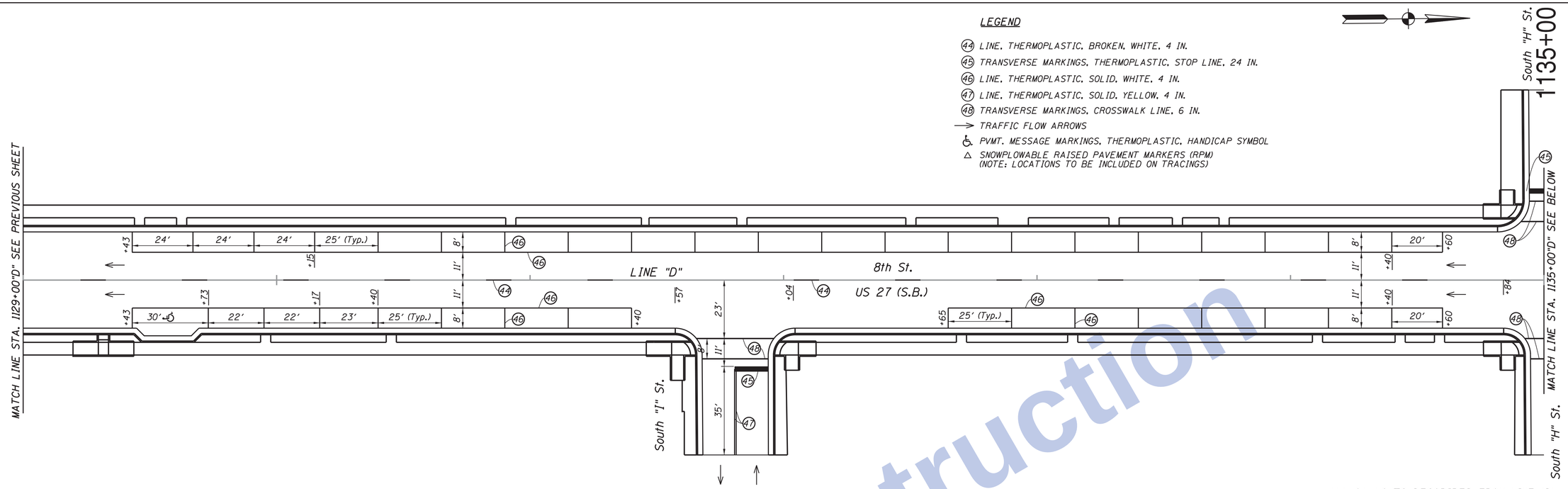
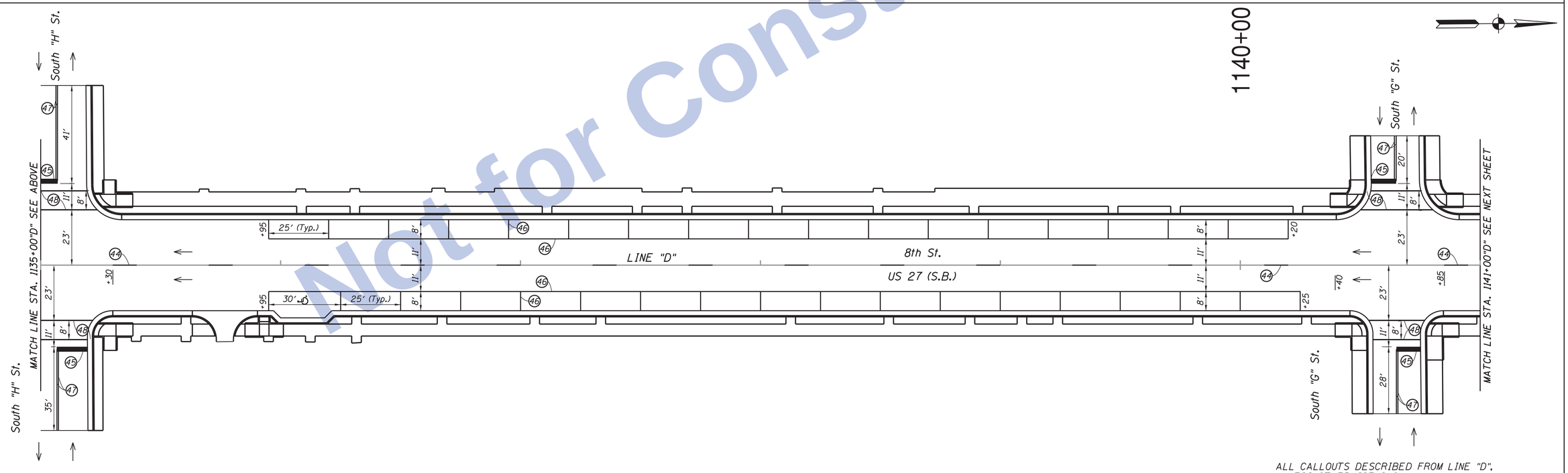
LEGEND

- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- (47) LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.
- (48) TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- → TRAFFIC FLOW ARROWS
- ♿ PVMT. MESSAGE MARKINGS, THERMOPLASTIC, HANDICAP SYMBOL
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)



ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.



ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 27 SOUTHBOUND (8th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	219 of 278
CONTRACT	PROJECT
R-30397	0100701

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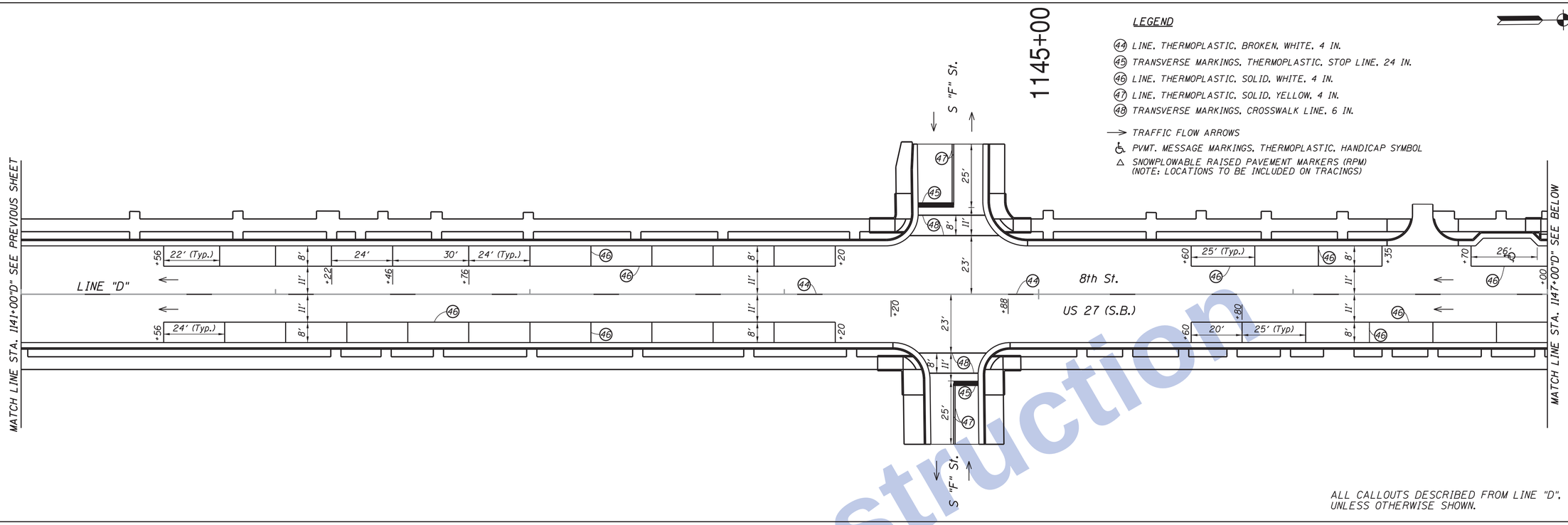

Not for Construction

Clark Dietz ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	
DESIGNED: JAL	DRAWN: MP		
CHECKED: RBI	CHECKED: JAL		

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 27 SOUTHBOUND (8th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	220 of 278
CONTRACT	PROJECT
R-30397	0100701

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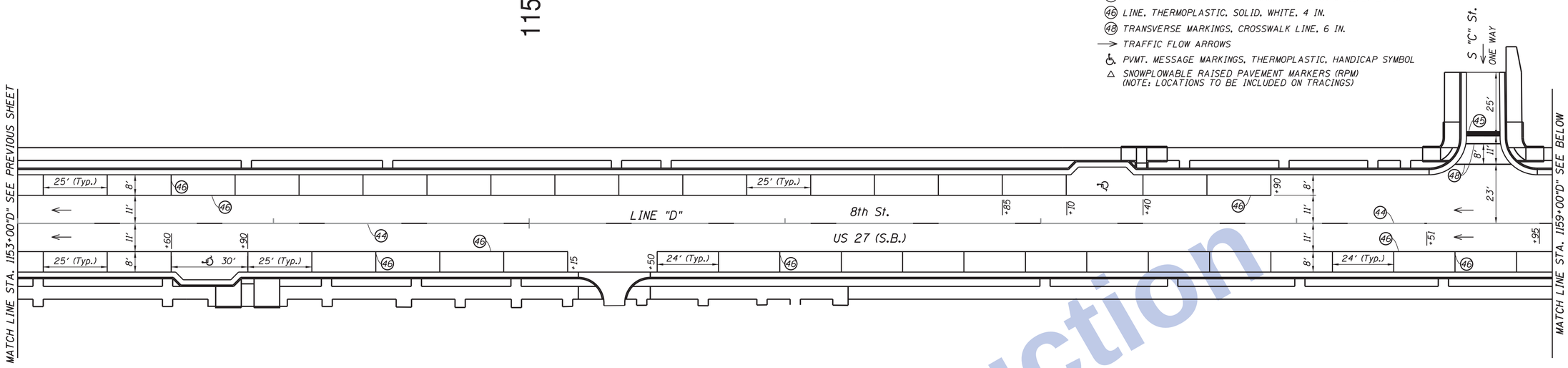
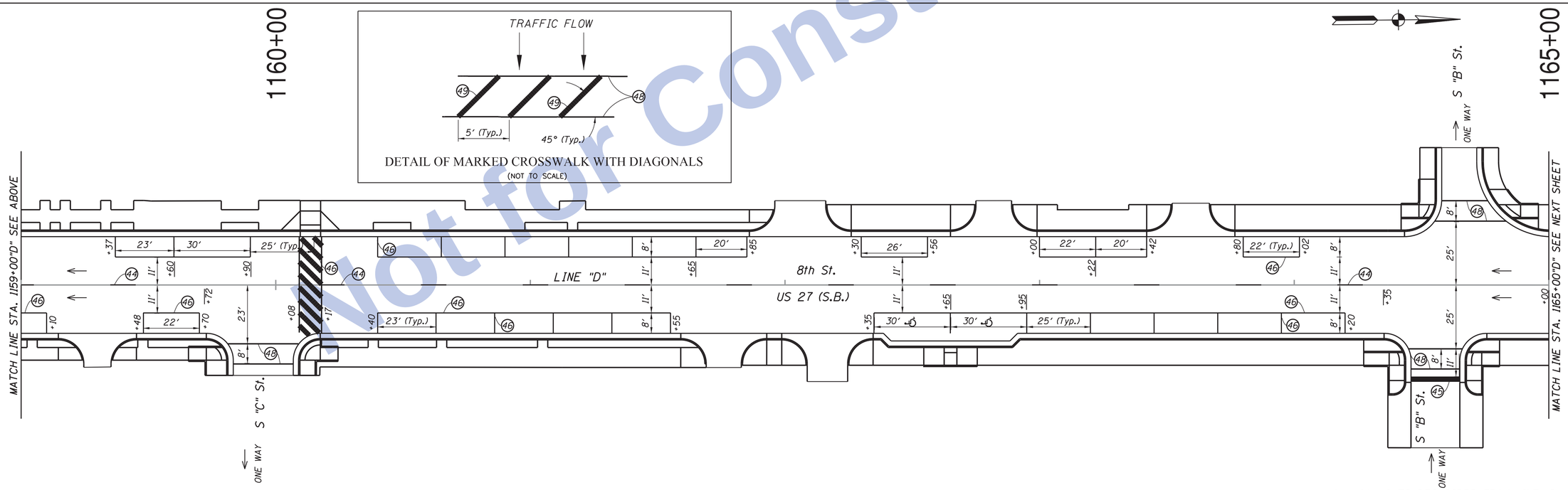
LEGEND

- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- (48) TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- → TRAFFIC FLOW ARROWS
- ♿ PVMT. MESSAGE MARKINGS, THERMOPLASTIC, HANDICAP SYMBOL
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)



ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.



ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

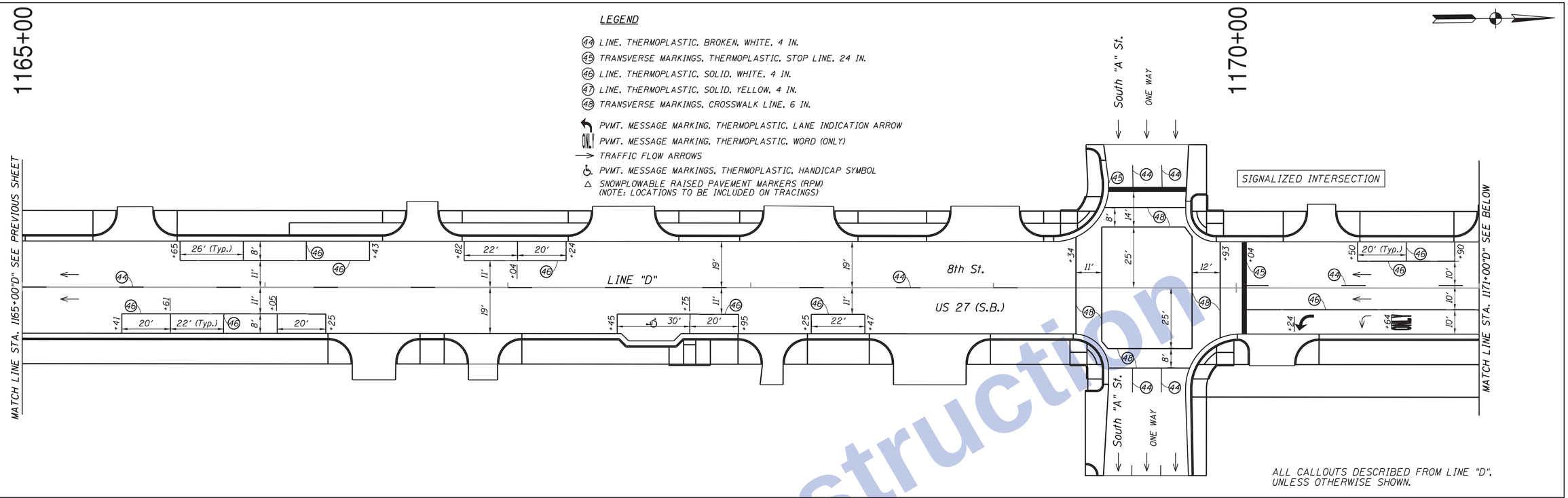
PAVEMENT MARKINGS
US 27 SOUTHBOUND (8th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	221 of 278
CONTRACT	PROJECT
R-30397	0100701

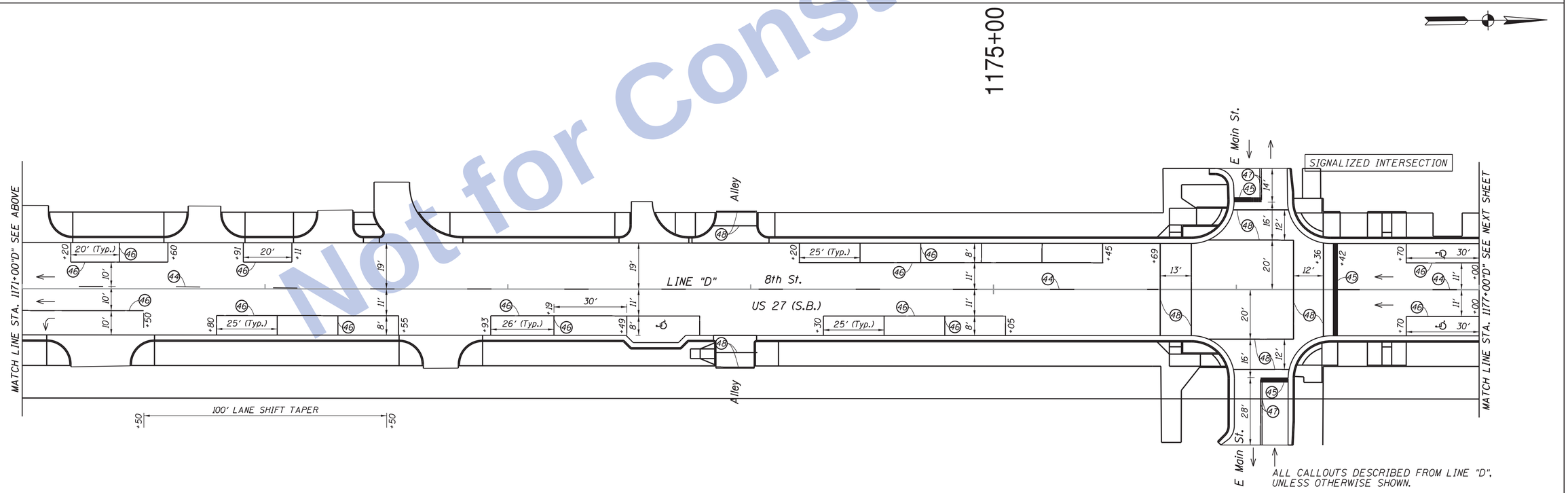
1:02:29 PM 8/26/2016 P:\10170190\Plans\Striping\05_SB_US27_PVMTMRKG_05.dgn

LEGEND

- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- (47) LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.
- (48) TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- PVMT. MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW
- ONLY PVMT. MESSAGE MARKING, THERMOPLASTIC, WORD (ONLY)
- TRAFFIC FLOW ARROWS
- PVMT. MESSAGE MARKINGS, THERMOPLASTIC, HANDICAP SYMBOL
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)



ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.



ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

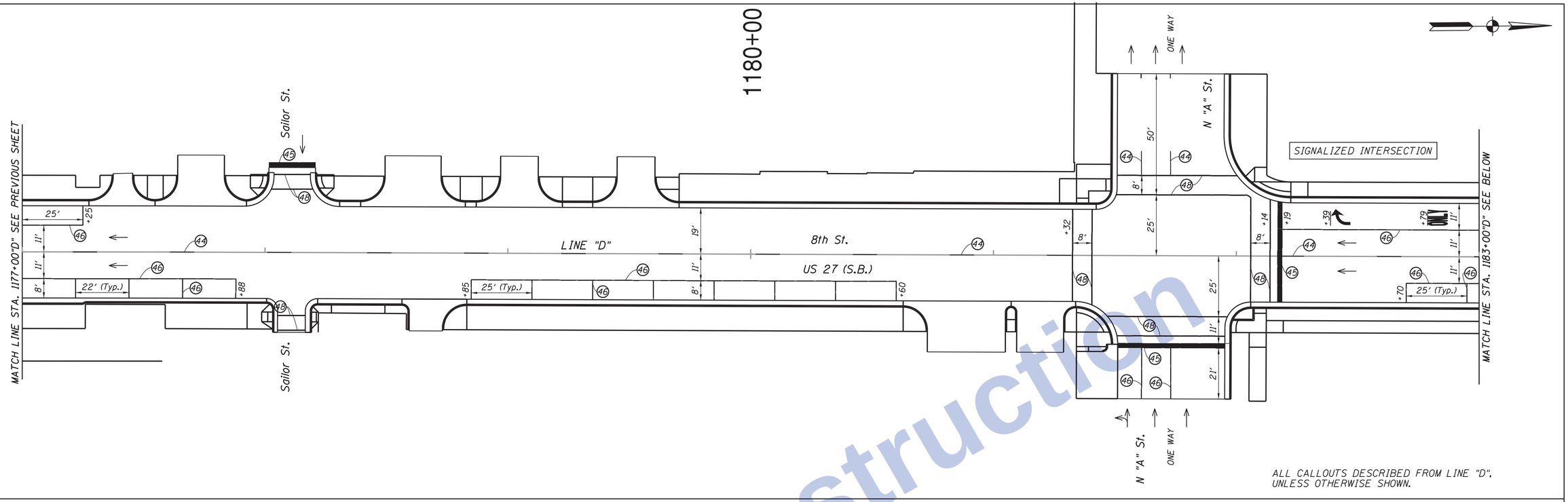
DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

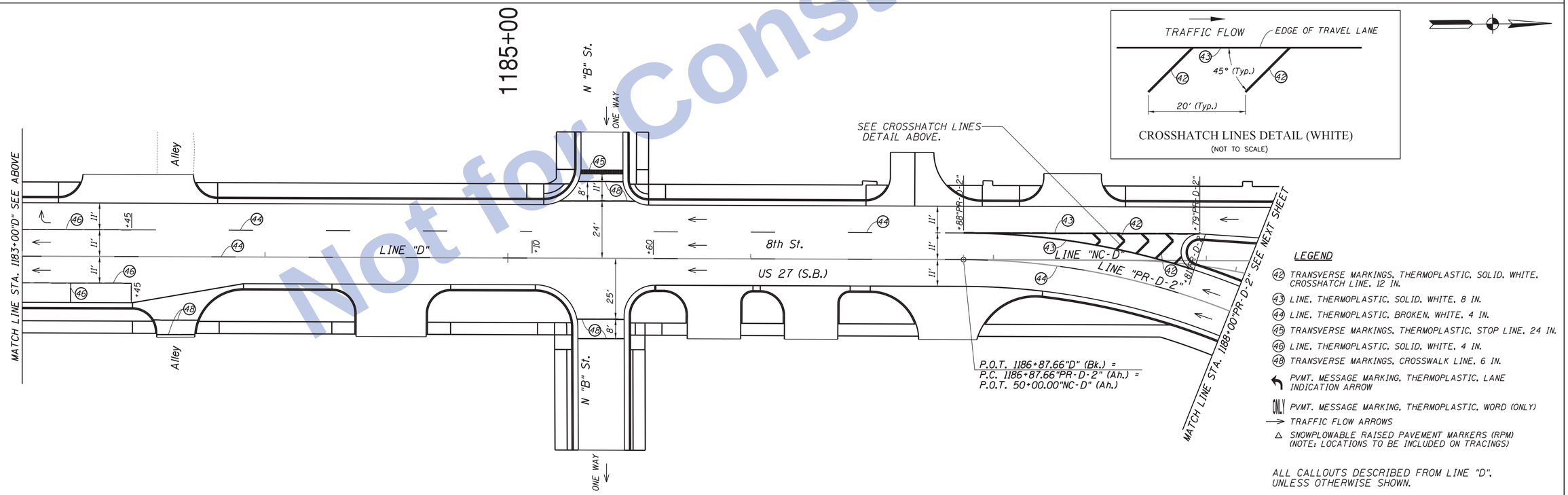
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 27 SOUTHBOUND (8th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	222 of 278
CONTRACT	PROJECT
R-30397	0100701

1:02:31 PM 8/26/2016 P:\10170190\Plans\Striping\06_SB_US27_PVMTMRKG_06.dgn





CROSSHATCH LINES DETAIL (WHITE)
(NOT TO SCALE)

LEGEND

- (42) TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, WHITE, CROSSHATCH LINE, 12 IN.
- (43) LINE, THERMOPLASTIC, SOLID, WHITE, 8 IN.
- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- (48) TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- PVMT. MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW
- ONLY PVMT. MESSAGE MARKING, THERMOPLASTIC, WORD (ONLY)
- TRAFFIC FLOW ARROWS
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)

ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz
ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

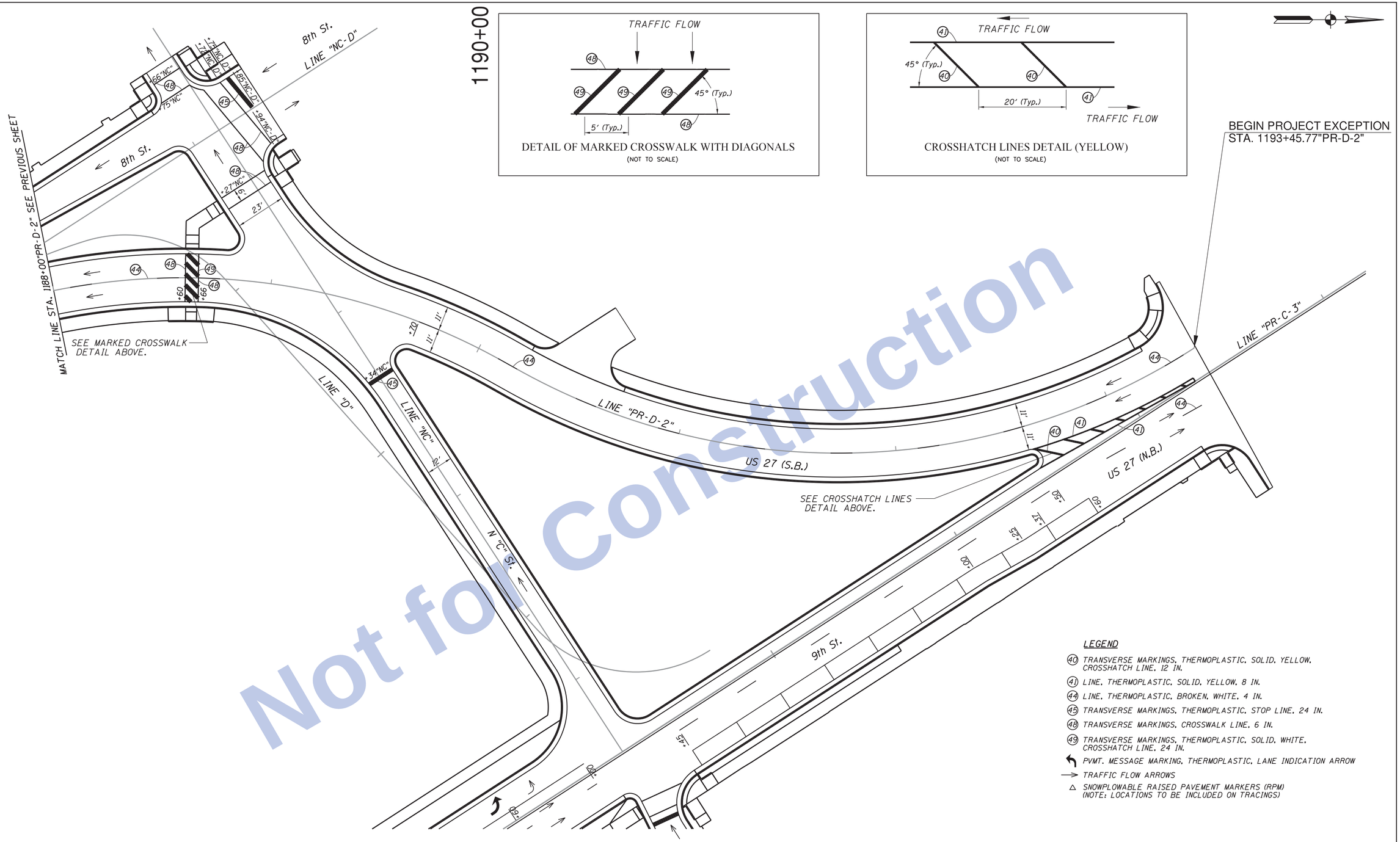
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 27 SOUTHBOUND (8th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	223 of 278
CONTRACT	PROJECT
R-30397	0100701

1:02:32 PM 8/26/2016 P:\10170190\Plans\Striping\07_SB_US27_PVMTMRKG_07.dgn

1190+00



Not for Construction

LEGEND

- (40) TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, YELLOW, CROSSHATCH LINE, 12 IN.
- (41) LINE, THERMOPLASTIC, SOLID, YELLOW, 8 IN.
- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (48) TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- (49) TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, WHITE, CROSSHATCH LINE, 24 IN.
- PVMT. MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW
- TRAFFIC FLOW ARROWS
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)

ALL CALLOUTS DESCRIBED FROM LINE "PR-D-2", UNLESS OTHERWISE SHOWN.

Clark Dietz ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 27 SOUTHBOUND (8th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	224 of 278
CONTRACT	PROJECT
R-30397	0100701

1:02:34 PM 8/26/2016 P:\0170190\Plans\Striping\08_SB_US27_PVMTMRKG_08.dgn

Not for Construction

1205+00

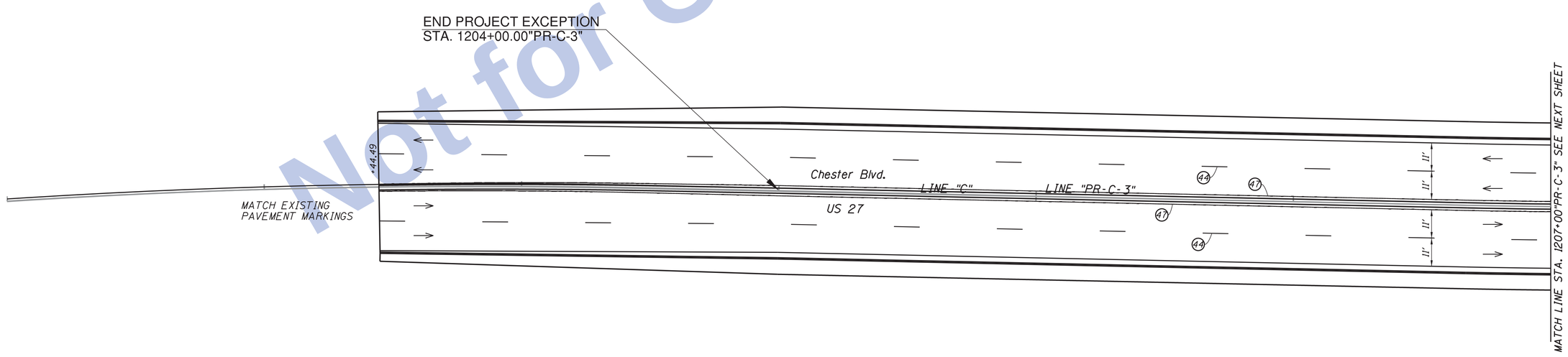
LEGEND

(44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.

(47) LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.

→ TRAFFIC FLOW ARROWS

△ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM)
(NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)



ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3",
UNLESS OTHERWISE SHOWN.

Clark Dietz
ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 27 NORTHBOUND (9th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	225 of 278
CONTRACT	PROJECT
R-30397	0100701

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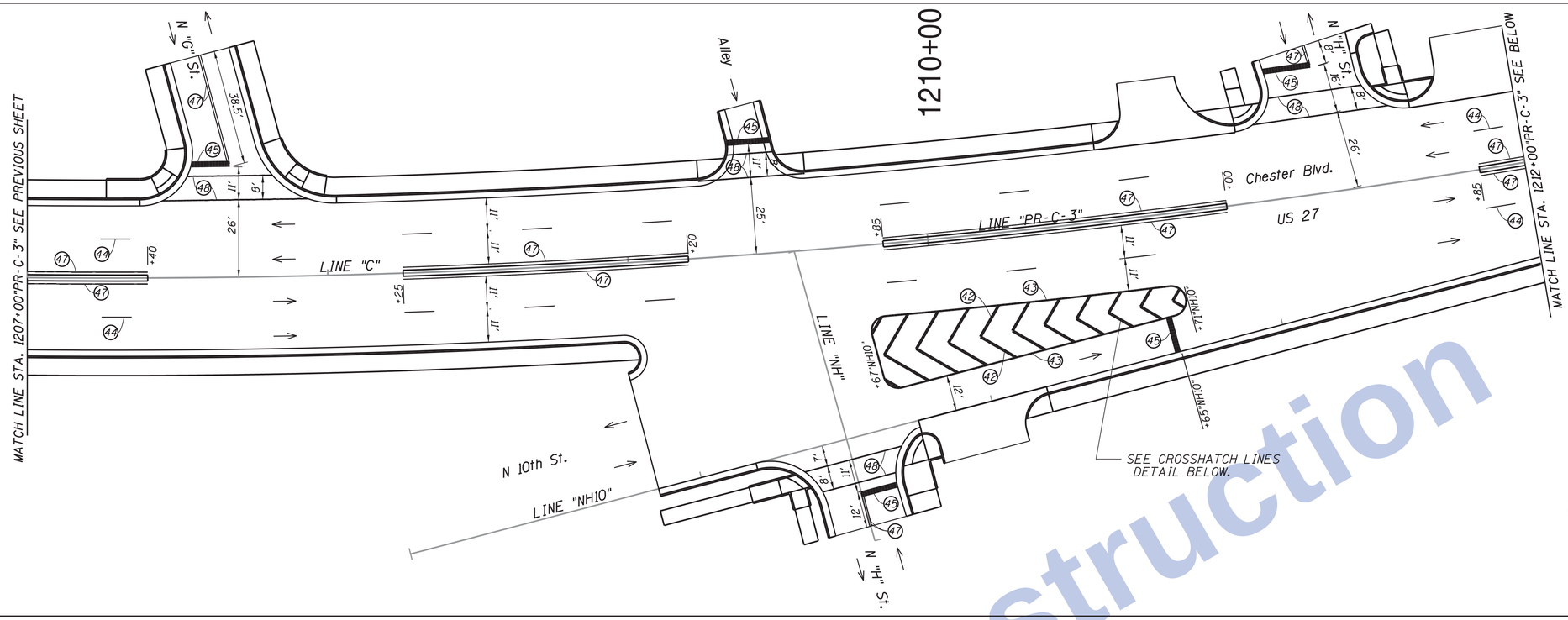
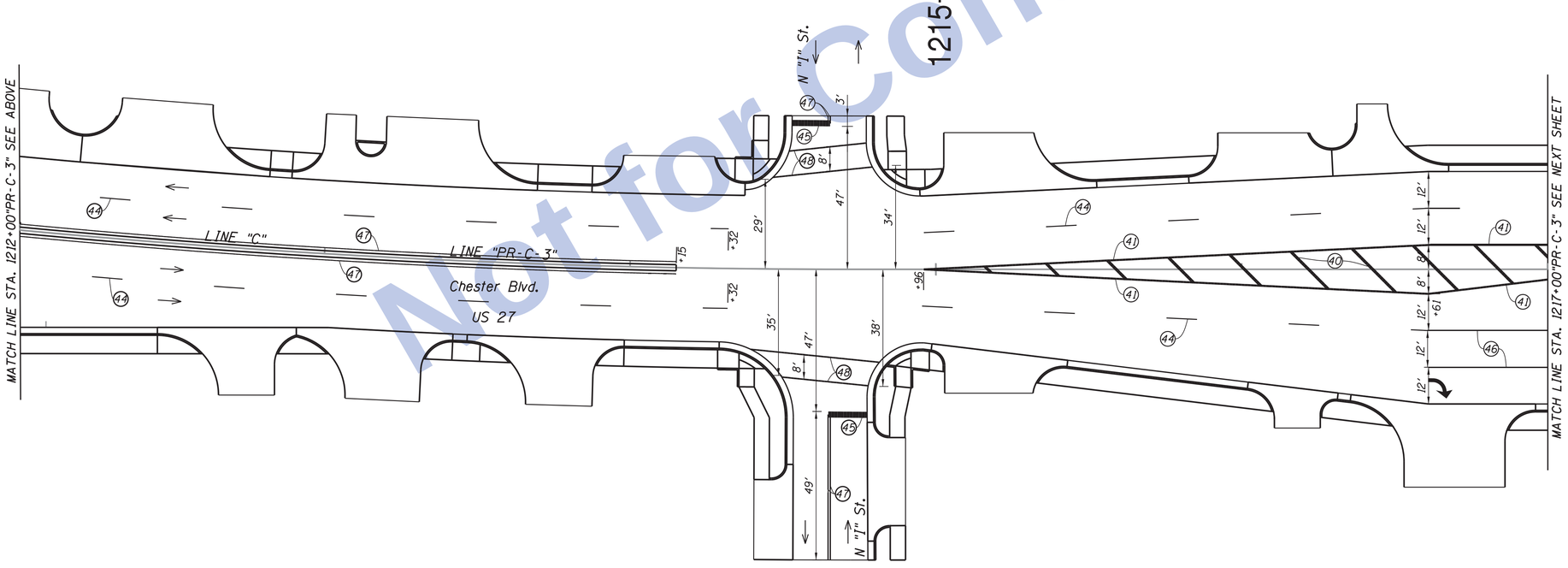
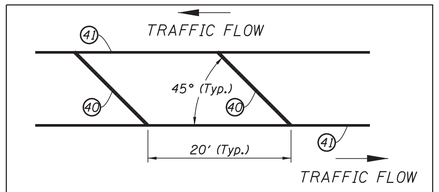


LEGEND

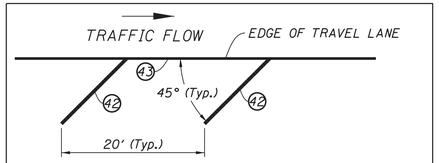
- (40) TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, YELLOW, CROSSHATCH LINE, 12 IN.
- (41) LINE, THERMOPLASTIC, SOLID, YELLOW, 8 IN.
- (42) TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, WHITE, CROSSHATCH LINE, 12 IN.
- (43) LINE, THERMOPLASTIC, SOLID, WHITE, 8 IN.
- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- (47) LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.
- (48) TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- → TRAFFIC FLOW ARROWS
- PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)

ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.





CROSSHATCH LINES DETAIL (YELLOW)
(NOT TO SCALE)



CROSSHATCH LINES DETAIL (WHITE)
(NOT TO SCALE)

ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz
ENGINEERS

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1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

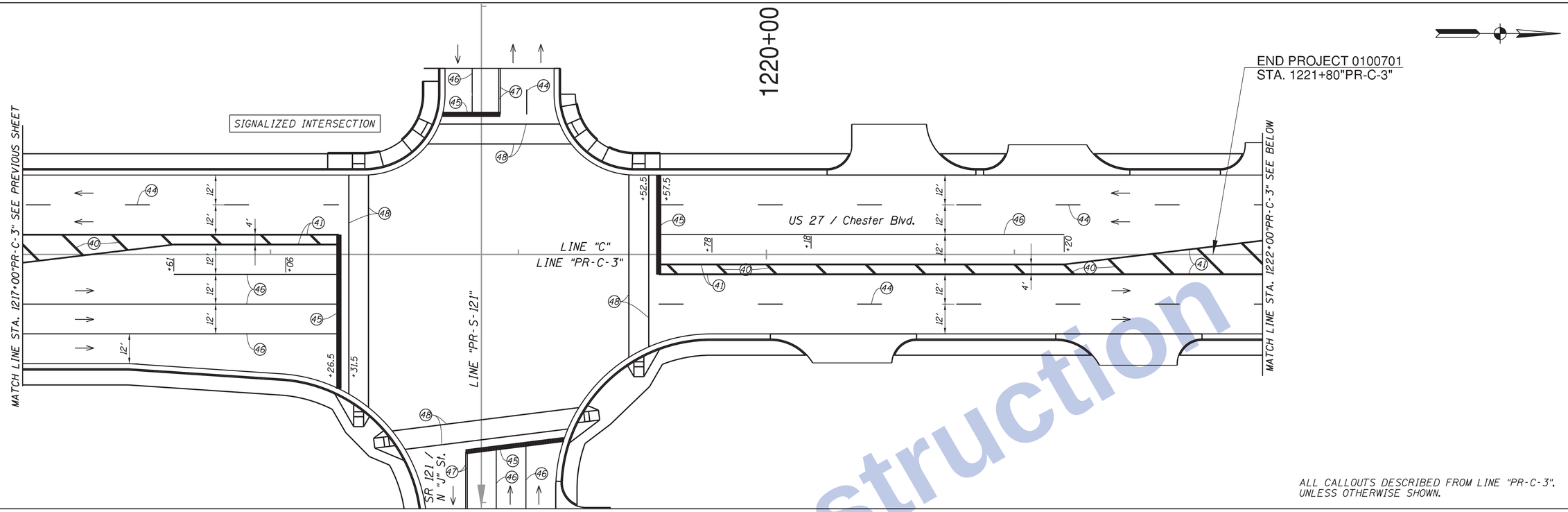
DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

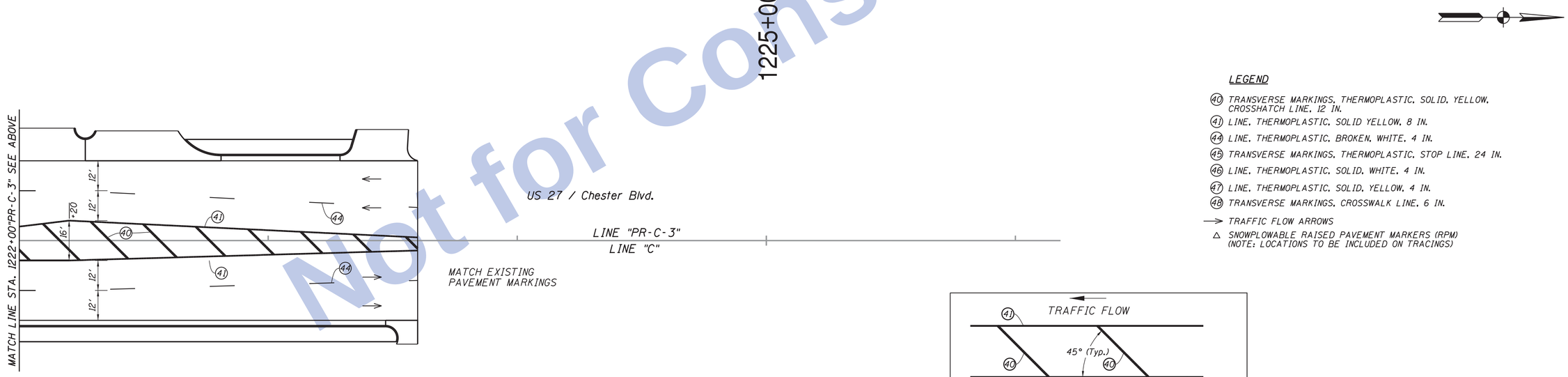
PAVEMENT MARKINGS
US 27 NORTHBOUND (9th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	226 of 278
CONTRACT	PROJECT
R-30397	0100701

1:02:37 PM 8/26/2016 P:\10170190\Plans\Striping\10_NB_US27_PVMTMRKG_10.dgn

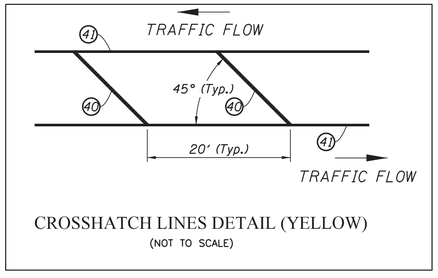


ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.



LEGEND

- (40) TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, YELLOW, CROSSHATCH LINE, 12 IN.
- (41) LINE, THERMOPLASTIC, SOLID YELLOW, 8 IN.
- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- (47) LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.
- (48) TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- → TRAFFIC FLOW ARROWS
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)



CROSSHATCH LINES DETAIL (YELLOW)
(NOT TO SCALE)

ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.

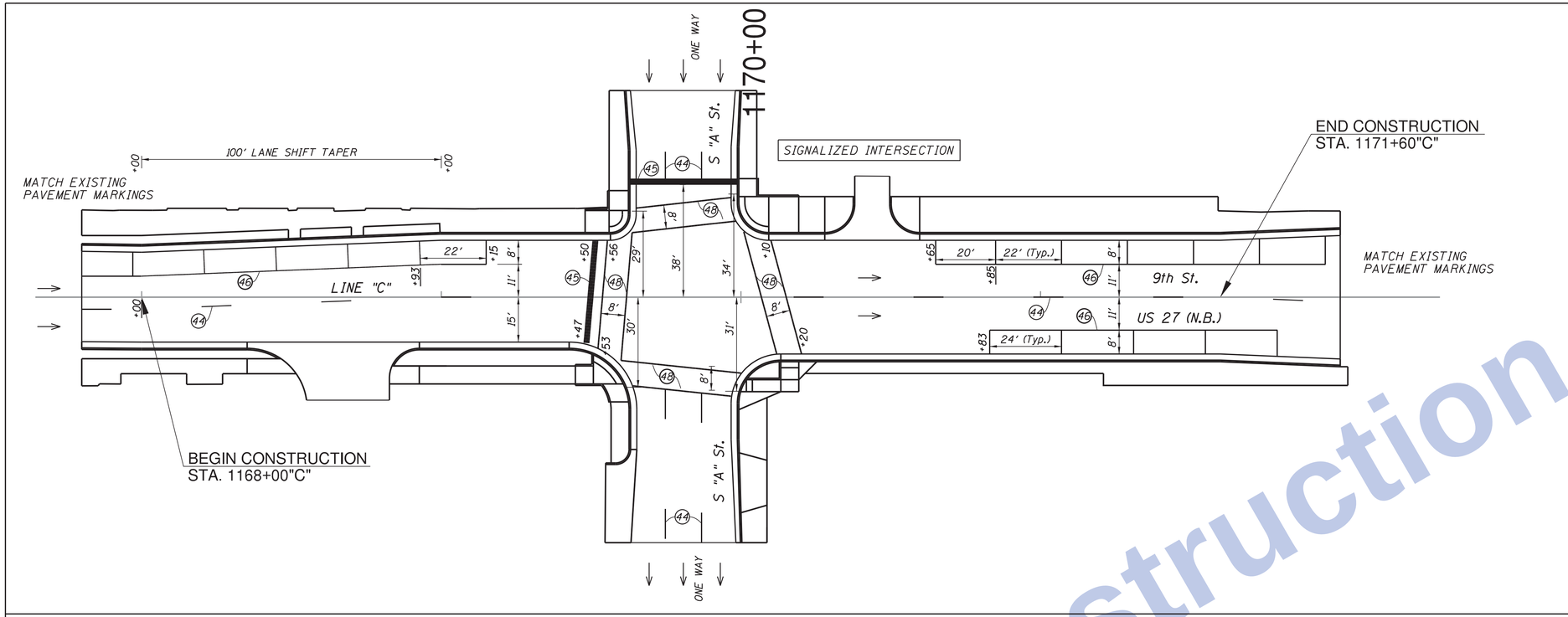
Not for Construction

Clark Dietz
ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 20' / BRIDGE FILE:
		VERTICAL SCALE: NONE / DESIGNATION: 0100701
DESIGNED: JAL / DRAWN: MP	PAVEMENT MARKINGS US 27 NORTHBOUND (9th STREET)	SURVEY BOOK: / SHEETS: 227 of 278
CHECKED: RBI / CHECKED: JAL		CONTRACT: R-30397 / PROJECT: 0100701

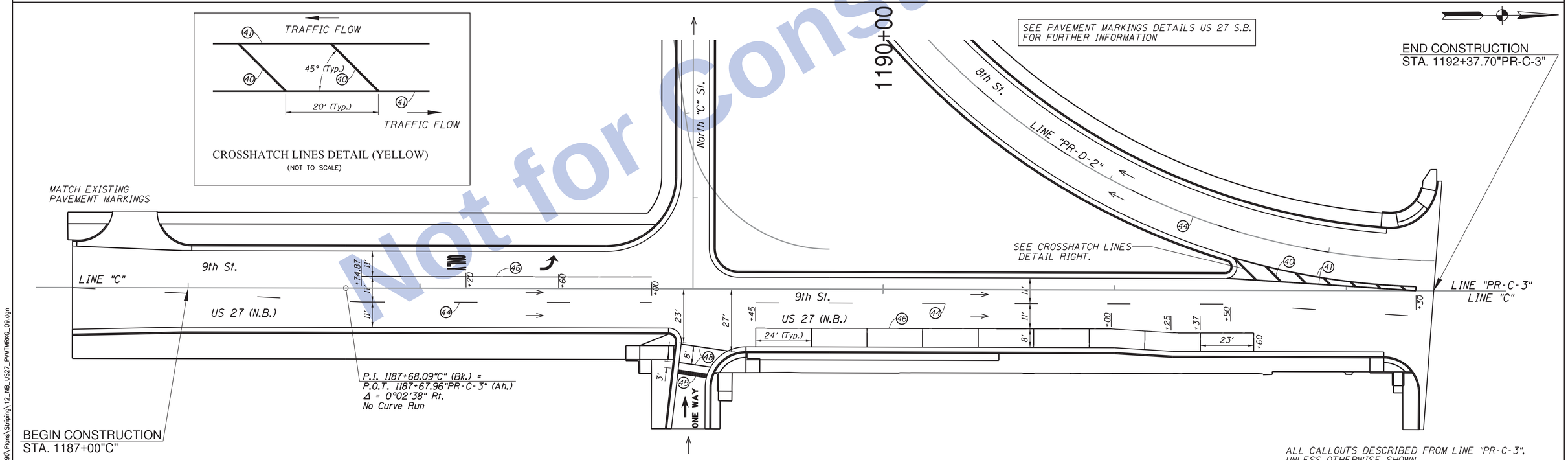
1:02:38 PM 8/26/2016 P:\10170190\Plans\Striping\11_NB_US27_PVMTMRKG_11.dgn



LEGEND

- (40) TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, YELLOW, CROSSHATCH LINE, 12 IN.
- (41) LINE, THERMOPLASTIC, SOLID, YELLOW, 8 IN.
- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- (48) TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- PVMT. MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW
- ONLY PVMT. MESSAGE MARKING, THERMOPLASTIC, WORD (ONLY)
- TRAFFIC FLOW ARROWS
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)

ALL CALLOUTS DESCRIBED FROM LINE "C", UNLESS OTHERWISE SHOWN.



ALL CALLOUTS DESCRIBED FROM LINE "PR-C-3", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
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2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

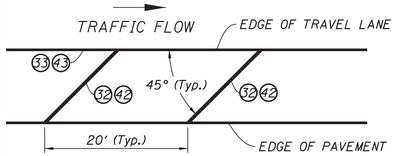
DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

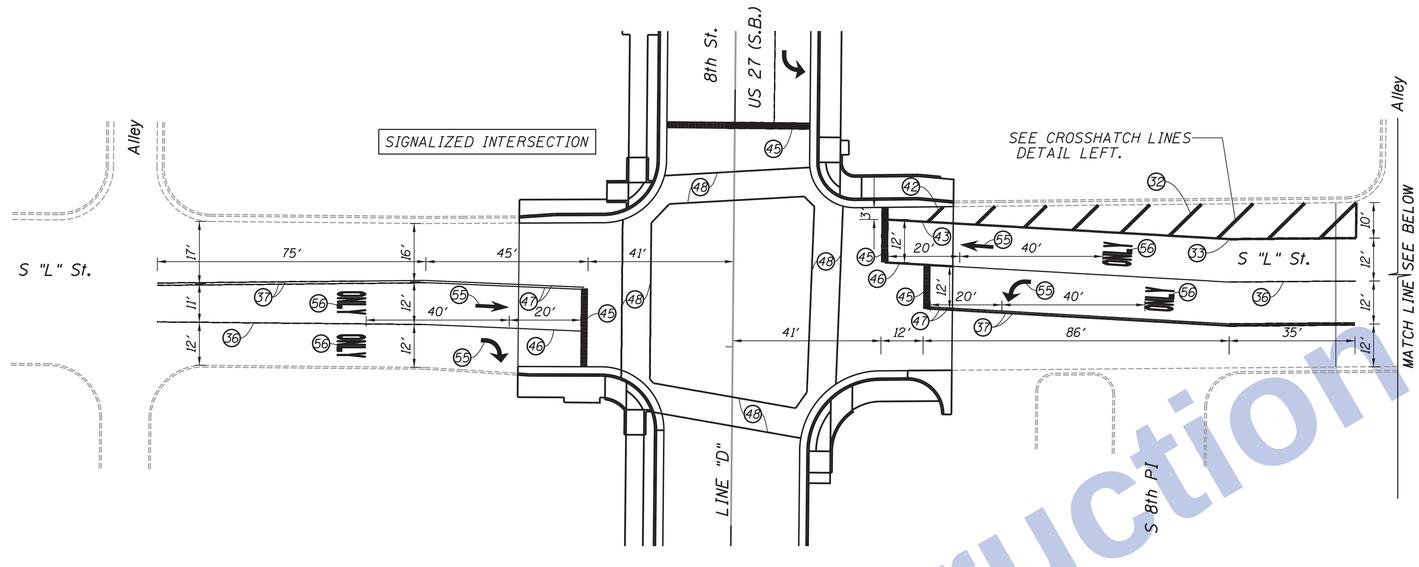
PAVEMENT MARKINGS
US 27 NORTHBOUND (9th STREET)

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	228 of 278
CONTRACT	PROJECT
R-30397	0100701

1:02:40 PM 8/26/2016 P:\0170190\Plans\Striping\12_NB_US27_PVMTMRKG_09.dgn



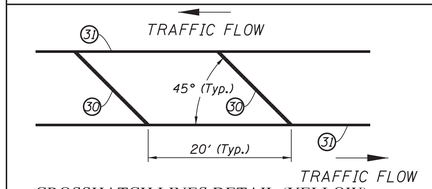
CROSSHATCH LINES DETAIL (WHITE)
(NOT TO SCALE)



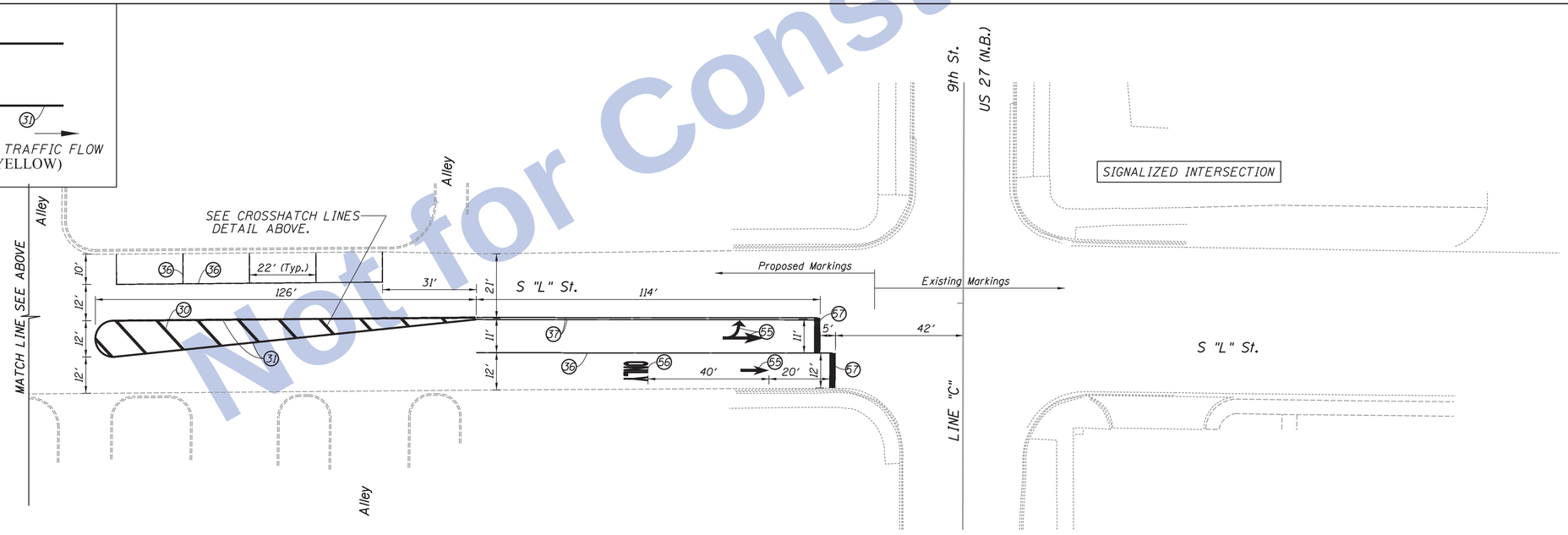
LEGEND

- 30 TRANSVERSE MARKINGS, PAINT, SOLID, YELLOW, CROSSHATCH LINE, 12 IN.
- 31 LINE, PAINT, SOLID, YELLOW, 8 IN.
- 32 TRANSVERSE MARKINGS, PAINT, SOLID, WHITE, CROSSHATCH LINE, 12 IN.
- 33 LINE, PAINT, SOLID, WHITE, 8 IN.
- 36 LINE, PAINT, SOLID, WHITE, 4 IN.
- 37 LINE, PAINT, SOLID, YELLOW, 4 IN.
- 42 TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, WHITE, CROSSHATCH LINE, 12 IN.
- 43 LINE, THERMOPLASTIC, SOLID, WHITE, 8 IN.
- 44 LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- 45 TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- 46 LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- 47 LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.
- 48 TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- 55 PVMT. MESSAGE MARKING, PAINT, LANE INDICATION ARROW
- 56 PVMT. MESSAGE MARKING, PAINT, WORD (ONLY)
- 57 TRANSVERSE MARKINGS, PAINT, STOP LINE, 24 IN.
- PVMT. MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW
- ONLY PVMT. MESSAGE MARKING, THERMOPLASTIC, WORD (ONLY)
- → TRAFFIC FLOW ARROWS
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)

ALL CALLOUTS DESCRIBED FROM LINE "D", UNLESS OTHERWISE SHOWN.



CROSSHATCH LINES DETAIL (YELLOW)
(NOT TO SCALE)



ALL CALLOUTS DESCRIBED FROM LINE "C", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz
ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

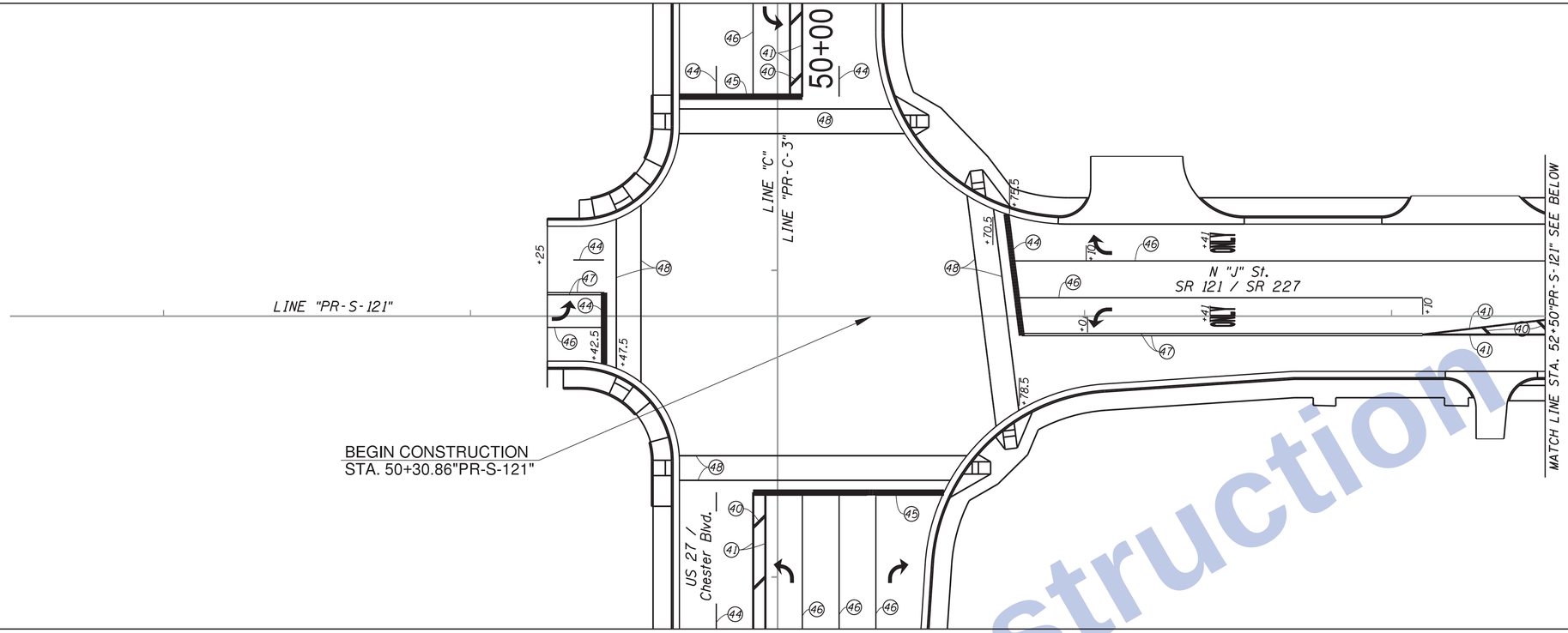
DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

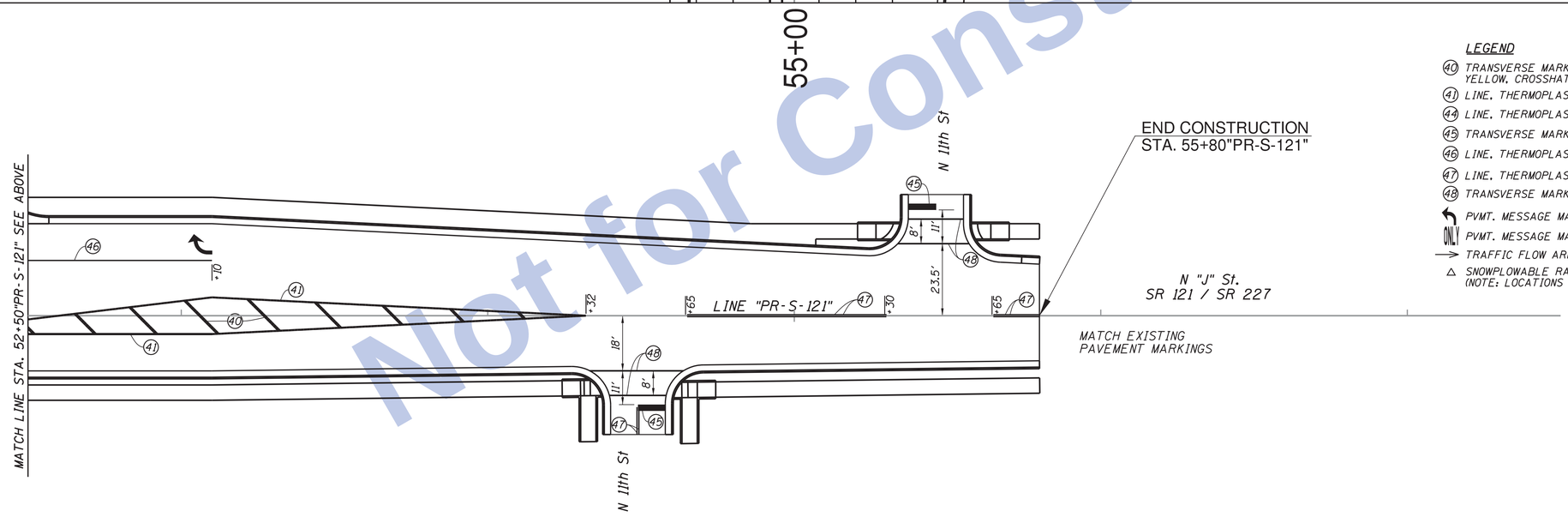
PAVEMENT MARKINGS
S "L" STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	229 of 278
CONTRACT	PROJECT
R-30397	0100701

1:02:42 PM 8/26/2016 P:\0170190\Plans\Striping\13_US27_L_PVMTMRKG_01.dgn

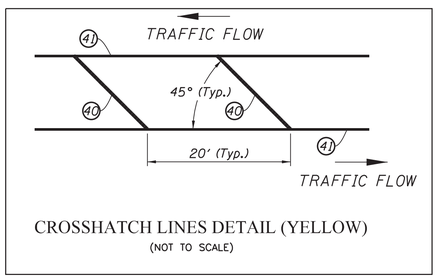


ALL CALLOUTS DESCRIBED FROM LINE "PR-S-121", UNLESS OTHERWISE SHOWN.



LEGEND

- (40) TRANSVERSE MARKINGS, THERMOPLASTIC, SOLID, YELLOW, CROSSHATCH LINE, 12 IN.
- (41) LINE, THERMOPLASTIC, SOLID, YELLOW, 8 IN.
- (44) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.
- (45) TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.
- (47) LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.
- (48) TRANSVERSE MARKINGS, CROSSWALK LINE, 6 IN.
- PVMT. MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW
- ONLY PVMT. MESSAGE MARKING, THERMOPLASTIC, WORD (ONLY)
- TRAFFIC FLOW ARROWS
- △ SNOWPLOWABLE RAISED PAVEMENT MARKERS (RPM) (NOTE: LOCATIONS TO BE INCLUDED ON TRACINGS)



CROSSHATCH LINES DETAIL (YELLOW)
(NOT TO SCALE)

ALL CALLOUTS DESCRIBED FROM LINE "PR-S-121", UNLESS OTHERWISE SHOWN.

Not for Construction

Clark Dietz
ENGINEERS

Note: If PCCP Pavement Design Alternate is chosen, utilize:
1) Multi-Component instead of Thermoplastic on mainline PCCP pavement.
2) Paint instead of Thermoplastic for transverse markings, lane indication arrows, and pavement message markings on mainline PCCP pavement.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JAL DRAWN: MP
CHECKED: RBI CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
SR 121

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	230 of 278
CONTRACT	PROJECT
R-30397	0100701

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STORMWATER MANAGEMENT TABLE

STATION	LOCATION LEFT	LOCATION MEDIAN	LOCATION RIGHT	PERIMETER PROTECTION LFT	SEDIMENT TRAP CYS	CURB INLET PROTECTION EACH	SLOPE DRAIN LFT	RIPRAP SPLASHPAD CYS	STRAW BALES DITCH CHECK LFT	RIPRAP DITCH CHECK CYS	DITCH INLET PROTECTION EACH	TEMPORARY SEED MIX LB	REMARKS
LINE "PR-D-1"													
1107+80 to 1111+97	X			430									
1107+80 to 1111+97			X	400									
1108+78			X						10				
1111+33			X							2			
1111+47.3			X								1		
1111+50	X					1							
LINE "D"													
1111+67			X			1							
1112+67 to 1117+59	X			562									
1112+67 to 1117+59			X	562									
1114+43			X						10				
1115+00	X					1							
1116+09			X						10				
1117+00	X					1							
1117+10			X			1							
1117+10			X								1		
1117+65.9			X			1							
1117+75			X								1		
1117+93 to 1119+99	X			250									
1117+93 to 1119+68			X	206									
1120+50	X					1							
1120+50			X			1							
1121+60			X			1							
1121+60	X					1							
1121+93.6			X			1							
1122+39.4			X			1							
1122+68.8	X					1							
1122+68.8			X			1							
1124+55			X			1							
1125+50	X					1							
1125+50			X			1							
1131+50	X					1							
1131+50			X			1							
1134+72	X					1							
1134+80	X					1							
1134+92.30			X			1							
1135+22.2			X			1							
1135+55	X					1							
1135+55			X			1							
1136+25			X			1							
1138+25	X					1							
1138+25			X			1							
1140+55.3			X			1							
1144+75			X			1							
1144+38	X					1							
1144+38			X			1							
1144+57.6			X			1							
1144+76.3			X			1							
1146+30	X					1							
1146+30			X			1							
1147+39.8	X					1							
1147+39.8			X			1							
1147+39.8	X					1							
1148+22			X			1							
1152+08	X					1							
1152+08			X			1							
1152+80	X					1							
1152+80			X			1							
1154+50	X					1							
1154+50			X			1							

STORMWATER MANAGEMENT TABLE

STATION	LOCATION LEFT	LOCATION MEDIAN	LOCATION RIGHT	PERIMETER PROTECTION LFT	SEDIMENT TRAP CYS	CURB INLET PROTECTION EACH	SLOPE DRAIN LFT	RIPRAP SPLASHPAD CYS	STRAW BALES DITCH CHECK LFT	RIPRAP DITCH CHECK CYS	DITCH INLET PROTECTION EACH	TEMPORARY SEED MIX LB	REMARKS
LINE "D"													
1156+50			X			1							
1156+50	X					1							
1159+00			X			1							
1159+00	X					1							
1160+30			X			1							
1162+95			X			1							
1164+30	X					1							
1164+30			X			1							
1164+43.3			X			1							
1164+67.7			X			1							
1165+70			X			1							
1165+70			X			1							
1166+90	X					1							
1167+92			X			1							
1168+47	X					1							
1168+47			X			1							
1169+47.5			X			1							
1169+79.1			X			1							
1170+00	X					1							
1170+36			X			1							
1170+70	X					1							
1171+08			X			1							
1171+60			X			1							
1172+50			X			1							
1172+85	X					1							
1173+75	X					1							
1174+20			X			1							
1175+99.2			X			1							
1176+21.4			X			1							
1177+16.7	X					1							
1177+16.7			X			1							
1177+71			X			1							
1178+85	X					1							
1178+86			X			1							
1180+00	X					1							
1183+10	X					1							
1183+40			X			1							
1183+92			X			1							
1185+05	X					1							
1185+08			X			1							
1185+27			X			1							
1185+50.7			X			1							
1186+00			X			1							
1186+44	X					1							
1186+50			X			1							
LINE "PR-D-2"													
1187+52	X					1							
1187+55			X			1							
1188+32	X					1							
1188+42.5	X					1							
1188+42.5			X			1							
1188+96.2	X					1							
1189+50	X					1							
1189+02 to 1190+39	X			162									
1190+70 to 1193+40	X			276									
1191+82	X					1							

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STORMWATER MANAGEMENT

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	231 of 278
CONTRACT	PROJECT
R-30397	0100701

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STORMWATER MANAGEMENT TABLE

STATION	LOCATION			PERIMETER PROTECTION	SEDIMENT TRAP	CURB INLET PROTECTION	SLOPE DRAIN	RIPRAP SPLASHPAD	STRAW BALES DITCH CHECK	RIPRAP DITCH CHECK	DITCH INLET PROTECTION	TEMPORARY SEED MIX	REMARKS
	LEFT	MEDIAN	RIGHT	LFT	CYS	EACH	LFT	CYS	LFT	CYS	EACH	LB	
LINE "PR-D-2"													
1191+82			X			1							
LINE "NC"													
43+00	X					1							
43+43.5	X					1							
LINE "NH-10"													
70+73.2	X					1							
71+15			X			1							
71+65.1			X			1							
72+40			X			1							
73+35			X			1							
LINE "PR-C-3"													
1187+80	X					1							
1188+56			X			1							
1189+08.4			X			1							
1189+25.8			X			1							
1189+50			X			1							
1190+40			X			1							
1202+44 to 1209+80	X			754									
1202+44 to 1208+98			X	681									
1204+20	X					1							
1204+20			X			1							
1207+09	X					1							
1207+09			X			1							
1208+90			X			1							
1211+07	X					1							
1212+40			X			1							
1213+48 to 1213+96	X			48									
1213+50			X			1							
1213+72	X					1							
1214+25			X			1							
1214+50	X					1							
1214+51.1			X			1							
1214+79.8	X					1							
1214+80			X			1							
1215+31 to 1215+93	X			61									
1216+33.6			X			1							
1216+47 to 1218+62	X			233									
1216+70	X					1							
1217+90			X			1							
1217+90			X			1							
1218+24	X					1							
1220+20	X					1							
1220+62			X			1							
1221+65	X					1							
1221+80			X			1							
1223+25	X					1							
1223+45			X			1							
LINE "C"						1							
1168+00			X			1							
1168+00			X			1							
1168+90	X					1							
1168+95			X			1							
1169+40			X			1							
1169+46	X					1							
1169+62.4	X					1							
1169+62.6			X			1							
1169+64			X			1							
1169+99.3	X					1							
1169+99.3			X			1							

STORMWATER MANAGEMENT TABLE

STATION	LOCATION			PERIMETER PROTECTION	SEDIMENT TRAP	CURB INLET PROTECTION	SLOPE DRAIN	RIPRAP SPLASHPAD	STRAW BALES DITCH CHECK	RIPRAP DITCH CHECK	DITCH INLET PROTECTION	TEMPORARY SEED MIX	REMARKS
	LEFT	MEDIAN	RIGHT	LFT	CYS	EACH	LFT	CYS	LFT	CYS	EACH	LB	
LINE "C"													
1170+35.5			X			1							
1170+65	X					1							
1170+75			X			1							
1170+80.4			X			1							
1171+50	X		X			2							
1187+00			X			1							
1187+00			X			1							
LINE "PR-S-121"													
49+28			X			1							
49+28	X					1							
50+75	X					1							
50+85			X			1							
51+01			X			1							
51+32 to 52+07	X			82									
51+34.7			X			1							
51+65	X					1							
51+80			X			1							
54+72			X			1							
55+75	X					1							
55+75			X			1							
Entire Project												952	
Note: Include 2 additional curb inlet protection for each curbed side street draining from project site.						46							
PROJECT TOTALS													
				4,707	0	215	0	0	30	2	3	952	

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STORMWATER MANAGEMENT

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	232 of 278
CONTRACT	PROJECT
R-30397	0100701

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Note: HMA Alt. Monuments are called out on plan sheets.

MONUMENTS - HMA ALTERNATE

STATION	OFFSET	LT / RT	TYPE A	TYPE B	TYPE C	TYPE D	SECTION CORNER	REMARK
Line "PR-D-1"								
1106+96.68	0.00	M				1		P.O.T.
1107+64.67	0.00	M		1				P.C.
1109+00.00	0.00	M		1				BEGIN PROJECT
1110+65.25	28.82	RT			1			P.I.
1113+55.44	0.00	M		1				P.T.
Line "D"								
1106+93.45	0.00	M				1		P.C.
1110+24.14	37.73	RT			1			P.I.
1113+43.41	0.00	M		1				P.T.
1114+93.16	0.00	M		1				P.C.
1117+18.51	26.20	LT			1			P.I.
1119+35.78	0.00	M		1				P.T.
1129+00.00	0.00	M		1				P.O.T.
1139+00.00	0.00	M		1				P.O.T.
1148+20.00	0.00	M		1				P.O.T.
1150+90.00	0.00	M		1				P.O.T.
1158+00.00	0.00	M		1				P.O.T.
1164+36.77	0.00	M		1				P.I.
1170+00.00	0.00	M		1				P.O.T.
1177+57.69	0.00	M		1				P.I.
1186+87.66	0.00	M		1				P.O.T.
Line "PR-D-2"								
1188+68.28	50.18	LT			1			P.I.
1189+25.11	0.00	M		1				P.O.C.
1190+12.82	0.00	M		1				P.T.
1190+20.12	0.00	M		1				P.C.
1192+01.07	50.35	RT			1			P.I.
1193+45.77	0.00	M		1				P.T.
Line "PR-C-3"								
1204+00.00	0.00	M				1		P.O.T.
1206+67.57	0.00	M				1		P.C.
1209+55.30	0.00	M		1				P.O.C.
1210+72.43	28.31	RT		1				P.I.
1214+72.01	0.00	M		1				P.T.
1218+84.98	0.00	M		1				P.O.T.
1221+80.00	0.00	M		1				END PROJECT
1187+67.96	0.00	M		1				P.O.T.
1189+76.76	0.00	M		1				P.I.
1192+37.87	0.00	M		1				P.O.T.
Line "NH10"								
70+85.37	0.00	M		1				BEGIN CONST.
71+50.00	0.00	M		1				P.O.T.
74+92.41	0.00	M		1				P.O.T.
Line "PR-S-121"								
50+30.86	0.00	M		1				BEGIN CONST.
55+80.00	0.00	M		1				END CONST.
Line "C"								
1168+00.00	0.00	M		1				BEGIN CONST.
1171+60.00	0.00	M		1				END CONST.
1187+00.00	0.00	M		1				BEGIN CONST.
Line "NC"								
40+60.00	0.00	M		1				BEGIN CONST.
41+00.00	0.00	M		1				P.O.T.
44+39.27	0.00	M		1				P.O.T.
		Total =	38	5	4	0		

Note: HMA Alt. Monuments are called out on plan sheets.

MONUMENTS - PCCP ALTERNATE

STATION	OFFSET	LT / RT	TYPE A	TYPE B	TYPE C	TYPE D	SECTION CORNER	REMARK
Line "PR-D-1"								
1106+96.68	0.00	M				1		P.O.T.
1107+64.67	0.00	M				1		P.C.
1109+00.00	0.00	M				1		BEGIN PROJECT
1110+65.25	28.82	RT			1			P.I.
1113+55.44	0.00	M				1		P.T.
Line "D"								
1106+93.45	0.00	M				1		P.C.
1110+24.14	37.73	RT			1			P.I.
1113+43.41	0.00	M				1		P.T.
1114+93.16	0.00	M				1		P.C.
1117+18.51	26.20	LT			1			P.I.
1119+35.78	0.00	M				1		P.T.
1129+00.00	0.00	M				1		P.O.T.
1139+00.00	0.00	M				1		P.O.T.
1148+20.00	0.00	M				1		P.O.T.
1150+90.00	0.00	M				1		P.O.T.
1158+00.00	0.00	M				1		P.O.T.
1164+36.77	0.00	M				1		P.I.
1170+00.00	0.00	M				1		P.O.T.
1177+57.69	0.00	M				1		P.I.
1186+87.66	0.00	M				1		P.O.T.
Line "PR-D-2"								
1188+68.28	50.18	LT			1			P.I.
1189+25.11	0.00	M				1		P.O.C.
1190+12.82	0.00	M				1		P.T.
1190+20.12	0.00	M				1		P.C.
1192+01.07	50.35	RT			1			P.I.
1193+45.77	0.00	M				1		P.T.
Line "PR-C-3"								
1204+00.00	0.00	M				1		P.O.T.
1206+67.57	0.00	M				1		P.C.
1209+55.30	0.00	M				1		P.O.C.
1210+72.43	28.31	RT		1				P.I.
1214+72.01	0.00	M				1		P.T.
1218+84.98	0.00	M		1				P.O.T.
1221+80.00	0.00	M		1				END PROJECT
1187+67.96	0.00	M				1		P.O.T.
1189+76.76	0.00	M				1		P.I.
1192+37.87	0.00	M				1		P.O.T.
Line "NH10"								
70+85.37	0.00	M		1				BEGIN CONST.
71+50.00	0.00	M		1				P.O.T.
74+92.41	0.00	M				1		P.O.T.
Line "PR-S-121"								
50+30.86	0.00	M				1		BEGIN CONST.
55+80.00	0.00	M		1				END PROJECT
Line "C"								
1168+00.00	0.00	M				1		BEGIN CONST.
1171+60.00	0.00	M				1		END CONST.
1187+00.00	0.00	M				1		BEGIN CONST.
Line "NC"								
40+60.00	0.00	M		1				BEGIN PROJECT
41+00.00	0.00	M		1				P.O.T.
44+39.27	0.00	M				1		P.O.T.
		Total =	8	5	34	0		

R/W MARKERS

Station	Lt./Rt.	Each
LINE "D"		
1118+01.91	LT	1
1119+00.00	LT	1
1119+35.78	LT	1
1120+00.00	LT	1
1120+05.00 EX. R/W	LT	1
1122+52.00	RT	1
1122+49.00	RT	2
1122+47.48 EX. R/W	RT	1
1144+45.87 EX. R/W	LT	1
1144+44.00	LT	2
1144+85.87	LT	1
1144+88.00	LT	2
1144+96.00	LT	1
1146+46.02	LT	2
1146+55.00	LT	2
1158+86.60 EX. R/W	LT	1
1158+89.00	LT	2
1164+80.95	LT	1
1164+89.00	LT	1
1169+38.12	LT	1
1169+35.00	LT	2
1169+30.00	LT	1
1169+88.12 EX. R/W	LT	1
1169+93.00 EX. R/W	LT	1
1169+25.00	RT	1
1169+35.00	RT	2
1169+37.87	RT	1
1169+87.79	RT	1
1169+95.00	RT	1
1178+00.00	LT	2
1178+03.51	LT	1
1182+13.01	LT	1
1182+25.00	LT	1
1188+83.43 EX. R/W	RT	1
LINE "NC"		
40+59.00	LT	2
40+67.04 EX. R/W	LT	1
LINE "PR-D-2"		
1187+00.00	RT	1
1187+05.00	RT	1
1189+25.00	LT	1
1190+12.82	LT	1
1190+20.12	LT	1
1190+39.02	LT	1
1190+66.35	LT	1
1190+90.00	LT	1
1192+95.00	LT	1
1193+23.00	LT	1
1193+35.41	LT	1
LINE "PR-C-3"		
1209+46.26 EX. R/W	LT	1
1209+50.00	LT	1
1209+60.00	LT	1
1210+00.00	LT	1
1210+52.67	LT	1
1213+07.09	LT	1
1213+55.00	LT	1
1214+39.70 EX. R/W	LT	1
1189+40.00	LT	1
1189+34.53	LT	1
LINE "C"		
1169+50.00	RT	2
1169+55.79	RT	1
TOTAL		70

MAILBOX APPROACHES

LT./RT.	C/L BOX STATION	DESCRIPTION	WIDTH (FT)	ASSEMBLY REQ'D SINGLE	ASSEMBLY REQ'D DOUBL	
LT	"D" 1175+55.65	US Postal Collection Box		X		
RT	"D" 1181+10.39	US Postal Drop Box		X		
RT	"D" 1181+12.74	US Postal Drop Box		X		
RT	"D" 1209+02.24	Wood Post Mailbox		X		
		TOTAL		4		

PRIVATE WALKS (SIDEWALK, CONCRETE, 4 IN.)

Station	Length (Lft.)	Width (Lft.)	Sys.
Line "D" (Cont.)			
1120+03.8 Lt.	2.4	4.5	1.2
1120+40.0 Lt.	2.6	8.5	2.5
1122+89.4 Lt.	2.1	4.5	1.1
1123+21.0 Rt.	1.6	4.0	0.7
1123+54.3 Lt.	2.3	4.0	1.0
1123+61.2 Rt.	2.0	4.0	0.9
1124+02.1 Lt.	2.3	4.0	1.0
1124+12.8 Rt.	2.1	4.0	0.9
1124+32.6 Rt.	2.0	4.0	0.9
1124+37.1 Lt.	2.2	4.0	1.0
1124+53.5 Rt.	1.9	4.0	0.8
1124+84.2 Rt.	1.9	4.0	0.8
1124+94.6 Lt.	2.3	4.0	1.0
1125+18.9 Lt.	2.2	4.0	1.0
1125+22.3 Rt.	1.7	4.0	0.8
1125+39.0 Lt.	2.2	4.0	1.0
1125+63.5 Rt.	1.9	4.0	0.8
1125+74.6 Lt.	2.2	4.0	1.0
1135+39.8 Rt.	2.2	4.0	1.0
1135+60.6 Rt.	2.3	4.0	1.0
1135+68.1 Lt.	2.2	4.0	1.0
1135+95.0 Rt.	2.3	4.0	1.0
1136+08.4 Lt.	2.2	4.0	1.0
1136+12.4 Rt.	2.3	4.0	1.0
1136+30.9 Lt.	2.3	4.0	1.0
1136+31.6 Rt.	2.9	4.0	1.3
1136+65.8 Lt.	2.5	5.5	1.5
1137+11.0 Lt.	2.6	4.0	1.2
1137+48.6 Lt.	2.6	4.0	1.2
1137+69.4 Lt.	2.6	4.0	1.2
1138+06.9 Lt.	2.6	4.0	1.2
1141+44.7 Lt.	3.0	4.0	1.3
1141+85.2 Lt.	3.0	4.0	1.3
1142+20.6 Lt.	3.1	9.0	3.1
1142+42.2 Lt.	3.0	4.0	1.3
1142+63.3 Lt.	2.8	4.5	1.4
1145+03.5 Lt.	4.0	4.0	1.8
1145+44.3 Lt.	2.6	4.0	1.1
1145+63.9 Lt.	3.2	4.0	1.4
1145+89.5 Lt.	3.1	4.0	1.4
1146+19.5 Lt.	3.0	4.0	1.3
1146+81.8 Lt.	3.1	4.0	1.4
1146+99.8 Lt.	3.0	4.0	1.3
1147+42.4 Lt.	3.2	4.0	1.4
1150+15.4 Rt.	2.7	4.0	1.2
1150+37.0 Rt.	2.7	4.0	1.2
1150+63.7 Rt.	3.3	4.0	1.5
1151+10.9 Rt.	3.2	4.0	1.4
1151+59.4 Rt.	3.1	4.0	1.4
1159+09.4 Lt.	3.8	4.1	1.7
1159+17.3 Lt.	3.8	4.2	1.8
1159+46.2 Lt.	4.2	4.0	1.9
1159+65.1 Lt.	3.5	27.0	10.4
1159+95.3 Lt.	4.1	4.0	1.8
1160+15.0 Lt.	5.1	4.0	2.3
1160+40.5 Lt.	3.6	36.3	14.5
1160+65.2 Rt.	4.7	4.0	2.1
1160+72.1 Lt.	3.5	4.5	1.8
1161+04.8 Rt.	5.1	4.0	2.3
1161+16.5 Lt.	3.4	10.3	3.9
Total			103.7
USE			104

Construction

1:02:52 PM 8/26/2016 P:\0170190\Plans\Tables\Misc. Tables 01.dgn

Clark Dietz ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP

CHECKED: JAL CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS TABLES

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	233 of 278
CONTRACT	PROJECT
R-30397	0100701

CONCRETE CURB RAMP
SUMMARY TABLE

Alignment	Station	Rt./Lt.	Location	Quadrant	Curb Ramp Type (SYS)			Detectable Warning Surface (SYS)
					Perpendicular	Parallel	One-Way-Directional Perpendicular	
"D"	1117+25	Lt.	SOUTH "M"	SW		27.4		3.8
"D"	1118+05	Lt.	SOUTH "M"	NW			9.1	2.3
"D"	1121+66	Rt.	SOUTH "L"	SE			16.3	3.2
"D"	1121+75	Lt.	SOUTH "L"	SW			13.1	2.0
"D"	1122+53	Lt.	SOUTH "L"	NW			12.0	1.8
"D"	1122+59	Rt.	SOUTH "L"	NE			13.3	2.2
"D"	1128+24	Lt.	SOUTH "J"	SW			15.9	2.8
"D"	1128+24	Rt.	SOUTH "J"	SE			15.7	2.7
"D"	1128+87	Rt.	SOUTH "J"	NE			16.4	2.9
"D"	1128+88	Lt.	SOUTH "J"	NW			15.3	2.0
"D"	1129+40	Rt.	Ex. ADA parking	E	17.4			0.9
"D"	1131+49	Rt.	SOUTH "I"	SE			18.7	1.2
"D"	1132+13	Rt.	SOUTH "I"	NE			14.1	1.2
"D"	1134+76	Lt.	SOUTH "H"	SW			13.2	1.3
"D"	1134+76	Rt.	SOUTH "H"	SE			13.8	1.2
"D"	1135+38	Lt.	SOUTH "H"	NW			13.1	1.4
"D"	1135+38	Rt.	SOUTH "H"	NE			14.1	1.2
"D"	1135+93	Rt.	Ex. ADA parking	S		11.7		0.9
"D"	1140+37	Lt.	SOUTH "G"	SW			12.3	1.4
"D"	1140+40	Rt.	SOUTH "G"	SE			12.6	1.2
"D"	1140+91	Rt.	SOUTH "G"	NE			16.1	1.2
"D"	1140+93	Lt.	SOUTH "G"	NW			12.6	1.5
"D"	1144+37	Lt.	SOUTH "F"	SW			17.0	1.3
"D"	1144+40	Rt.	SOUTH "F"	SE			19.4	1.4
"D"	1144+93	Rt.	SOUTH "F"	NE			16.8	1.3
"D"	1144+97	Lt.	SOUTH "F"	NW			15.7	1.6
"D"	1147+00	Lt.	Ex. ADA parking	N		12.6		1.1
"D"	1153+90	Rt.	Ex. ADA parking	E		28.3		1.1
"D"	1157+40	Lt.	Ex. ADA parking	W		13.2		0.9
"D"	1158+59	Lt.	SOUTH "C"	SW			15.0	1.4
"D"	1158+85	Lt.	SOUTH "C"	NW			15.2	1.4
"D"	1159+80	Rt.	SOUTH "C"	SE			14.7	1.2
"D"	1160+12	Rt.	SOUTH "C"	NE			14.8	2.4
"D"	1160+15	Lt.	SOUTH "C"	NW		16.5		1.8
"D"	1162+65	Rt.	Ex. ADA parking	E		17.4		1.1
"D"	1164+30	Rt.	SOUTH "B"	SE			14.5	1.1
"D"	1164+42	Lt.	SOUTH "B"	SW			13.9	1.2
"D"	1164+81	Rt.	SOUTH "B"	NE			12.5	1.1
"D"	1164+96	Lt.	SOUTH "B"	NW			13.7	1.7
"D"	1167+75	Rt.	Ex. ADA parking	E		18.3		1.1
"D"	1169+28	Lt.	SOUTH "A"	SW			15.8	2.0
"D"	1169+32	Rt.	SOUTH "A"	SE			16.1	2.1
"D"	1169+95	Lt.	SOUTH "A"	NW			17.1	2.2
"D"	1169+96	Rt.	SOUTH "A"	NE			15.9	2.0
"D"	1173+44	Rt.	Ex. ADA parking	E		6.1		0.9
"D"	1175+65	Lt.	E MAIN ST	SW			23.1	2.9
"D"	1175+65	Rt.	E MAIN ST	SE			18.1	1.3
"D"	1176+42	Rt.	E MAIN ST	NE			22.1	2.8
"D"	1176+43	Lt.	E MAIN ST	NW			24.3	3.1
"D"	1176+62	Lt.	Ex. ADA parking			17.8		0.9
"D"	1176+62	Rt.	Ex. ADA parking			18.7		0.9
"D"	1177+90	Lt.	SAILOR ST	SW			5.3	1.2
"D"	1177+93	Rt.	SAILOR ST	SE			12.2	0.9
"D"	1178+33	Lt.	SAILOR ST	NW			4.9	1.2

Alignment	Station	Rt./Lt.	Location	Quadrant	Curb Ramp Type (SYS)			Detectable Warning Surface (SYS)
					Perpendicular	Parallel	One-Way-Directional Perpendicular	
"D"	1178+43	Rt.	SAILOR ST	NE			4.4	0.9
"D"	1181+27	Lt.	NORTH "A"	SW			32.2	2.2
"D"	1181+31	Rt.	NORTH "A"	SE			24.9	3.7
"D"	1182+04	Rt.	NORTH "A"	NE			20.0	2.2
"D"	1182+16	Lt.	NORTH "A"	NW			17.8	3.5
"D"	1185+08	Lt.	NORTH "B"	SW			14.6	2.3
"D"	1185+13	Rt.	NORTH "B"	SE			12.5	1.1
"D"	1185+65	Lt.	NORTH "B"	NW			11.8	1.9
"D"	1185+65	Rt.	NORTH "B"	NE			11.2	1.1
"PR-D-2"	1188+64	Lt.	NORTH "C"	W	4.0			1.3
"PR-D-2"	1188+64	Rt.	NORTH "C"	E		15.1		1.1
"PR-D-2"	1193+40	Lt.	NORTH "D"	SW		19.2		3.2
"PR-C-3"	1207+40	Lt.	NORTH "G"	SW			22.4	1.8
"PR-C-3"	1207+95	Lt.	NORTH "G"	NW			17.5	1.4
"PR-C-3"	1209+18	Rt.	NORTH "H"	SE			15.7	1.4
"PR-C-3"	1209+68	Rt.	NORTH "H"	NE			20.5	2.7
"PR-C-3"	1211+10	Lt.	NORTH "H"	SW			12.6	2.2
"PR-C-3"	1211+60	Lt.	NORTH "H"	NW			14.1	2.5
"PR-C-3"	1214+45	Lt.	NORTH "I"	SW			12.7	2.0
"PR-C-3"	1214+40	Rt.	NORTH "I"	SE			11.2	1.8
"PR-C-3"	1214+90	Lt.	NORTH "I"	NW			10.7	1.7
"PR-C-3"	1214+90	Rt.	NORTH "I"	NE			11.4	1.6
"PR-C-3"	1218+35	Lt.	SR 121	SW		15.7		1.1
"PR-C-3"	1218+60	Lt.	SR 121	SW		20.7		1.3
"PR-C-3"	1218+35	Rt.	SR 121	SE	8.0			0.9
"PR-C-3"	1218+45	Rt.	SR 121	SE	7.0			0.9
"PR-C-3"	1219+25	Rt.	SR 121	NE	8.0			0.9
"PR-C-3"	1219+50	Rt.	SR 121	NE	7.0			0.9
"PR-C-3"	1219+25	Lt.	SR 121	NW		13.7		1.3
"PR-C-3"	1219+50	Lt.	SR 121	NW		16.2		1.1
"C"	1169+46	Rt.	SOUTH "A"	SE			16.4	2.8
"C"	1169+49	Lt.	SOUTH "A"	SW			16.5	2.1
"C"	1170+12	Lt.	SOUTH "A"	NW			29.4	3.6
"C"	1170+26	Rt.	SOUTH "A"	NE			19.8	2.2
"PR-C-3"	1188+88	Lt.	NORTH "C"	SE			48.5	1.3
"PR-C-3"	1189+48	Rt.	NORTH "C"	NE			19.5	3.4
"PR-C-3"	1192+24	Rt.	NORTH "D"	SE			13.7	2.7
"NC"	40+70	Lt.	NORTH "C"	NW			16.2	2.7
"NC"	40+70	Rt.	NORTH "C"	SW			12.4	1.9
"NC"	41+30	Rt.	NORTH "C"	SE	4.0			1.3
"NC"	41+26	Lt.	NORTH "C"	NE			15.5	2.6
"PR-S-121"	54+35	Rt.	N 11TH ST	SW			17.2	1.1
"PR-S-121"	54+65	Rt.	N 11TH ST	SE			18.1	1.1
"PR-S-121"	55+30	Lt.	N 11TH ST	NW			8.4	1.4
"PR-S-121"	55+60	Lt.	N 11TH ST	NE			7.9	1.2
				TOTALS (SYS)	56	289	1,184	173
					TOTAL CURB RAMP AREA (SYS)		1,529	

SIDEWALK, CONCRETE

Alignment	Station	Station	Area (Sys)
"PR-D-1"	1107+85	1113+55	0
"D"	1113+55	1148+20	3,050
"D"	1150+90	1186+88	4,538
"PR-D-2"	1186+88	1193+46	842
"PR-C-3"	1202+44	1223+60	2,021
"C"	1167+80	1172+03	637
"C"	1186+50	1187+68	433
"PR-C-3"	1187+68	1192+38	incl. with "C"
"NC"	40+60	44+39	incl. with "PR-D-2"
"NH10"	70+85	74+92	incl. with "PR-C-3"
"PR-S-121"	50+37	55+80	483
		TOTAL	12,004

BRICK PAVERS, SIDEWALK

Alignment	Station	Station	Area (Sys)
"D"	1135+31	1182+00	931
"C"	1211+40	1212+67	85
"PR-S-121"	51+74	52+25	37
		TOTAL	1,053

Note: Quantity includes bricks on Main St. & brick segments between South "A" & North "A".

Not fo

PLANT DECIDUOUS TREE, SINGLE STEM, OVER 2" TO 2.5"

LINE	STATION	OFFSET	LINE	STATION	OFFSET	LINE	STATION	OFFSET
PR-D-1	1108+64	11 RT	D	1133+31	23 Rt.	D	1152+05	25 Lt.
PR-D-1	1111+52	70 RT	D	1133+74	23 Rt.	D	1152+41	24 Lt.
PR-D-1	1111+56	36 RT	D	1133+42	23 Lt.	D	1153+38	23 Lt.
PR-D-1	1111+70	34 LT	D	1133+65	23 Lt.	D	1153+78	23 Lt.
PR-D-1	1111+85	47 LT	D	1133+81	23 Lt.	D	1153+38	23 Rt.
D	1114+01	30 Rt.	D	1134+24	23 Rt.	D	1154+07	23 Rt.
D	1114+36	31 Rt.	D	1134+51	23 Rt.	D	1154+35	23 Lt.
D	1114+73	34 Lt.	D	1134+90	46 Rt.	D	1154+57	23 Lt.
D	1115+99	33 Rt.	D	1135+23	42 Rt.	D	1154+70	23 Rt.
D	1117+10	34 Lt.	D	1135+51	23 Rt.	D	1154+87	24 Rt.
D	1118+05	36 Lt.	D	1135+24	39 Lt.	D	1155+07	23 Rt.
D	1119+66	30 Rt.	D	1135+24	69 Lt.	D	1155+22	23 Lt.
D	1121+49	26 Rt.	D	1136+54	23 Rt.	D	1155+79	23 Lt.
D	1121+73	34 Rt.	D	1137+13	23 Rt.	D	1156+36	23 Lt.
D	1121+83	46 Lt.	D	1137+01	23 Lt.	D	1156+48	23 Rt.
D	1122+39	48 Lt.	D	1137+24	23 Rt.	D	1156+80	24 Rt.
D	1122+51	39 Rt.	D	1137+60	23 Lt.	D	1157+17	23 Rt.
D	1123+50	32 Rt.	D	1137+81	23 Lt.	D	1157+70	23 Lt.
D	1124+45	23 Lt.	D	1139+04	23 Lt.	D	1157+80	23 Rt.
D	1124+66	32 Rt.	D	1139+01	23 Rt.	D	1158+10	23 Rt.
D	1125+10	23 Rt.	D	1139+47	23 Rt.	D	1158+09	23 Lt.
D	1125+29	23 Lt.	D	1139+40	23 Lt.	D	1158+36	23 Lt.
D	1125+32	23 Rt.	D	1139+64	23 Lt.	D	1158+65	23 Rt.
D	1126+00	23 Rt.	D	1139+61	23 Rt.	D	1158+86	23 Rt.
D	1126+37	23 Rt.	D	1140+04	23 Rt.	D	1159+56	23 Rt.
D	1126+15	23 Lt.	D	1140+31	23 Lt.	D	1159+86	23 Lt.
D	1126+27	23 Lt.	D	1140+87	47 Rt.	D	1160+46	23 Lt.
D	1127+07	23 Lt.	D	1141+68	23 Rt.	D	1161+07	23 Lt.
D	1127+17	24 Rt.	D	1141+98	23 Rt.	D	1163+43	24 Rt.
D	1127+41	23 Lt.	D	1141+93	23 Lt.	D	1163+99	24 Lt.
D	1127+80	23 Rt.	D	1142+12	23 Lt.	D	1164+30	24 Lt.
D	1128+73	43 Lt.	D	1142+46	23 Lt.	D	1166+30	24 Lt.
D	1128+39	52 Rt.	D	1142+53	23 Rt.	D	1167+07	24 Lt.
D	1128+72	48 Rt.	D	1142+78	23 Lt.	D	1167+85	24 Lt.
D	1128+38	62 Lt.	D	1142+81	23 Rt.	D	1168+60	24 Lt.
D	1128+73	73 Lt.	D	1143+09	23 Rt.	D	1169+21	24 Lt.
D	1129+55	23 Lt.	D	1143+35	23 Rt.	D	1170+60	24 Lt.
D	1129+87	23 Lt.	D	1144+18	23 Rt.	D	1170+80	24 Lt.
D	1130+17	23 Lt.	D	1144+11	23 Lt.	D	1170+86	24 Rt.
D	1130+25	24 Rt.	D	1144+89	42 Lt.	D	1171+50	24 Lt.
D	1130+36	23 Lt.	D	1145+18	23 Lt.	D	1172+00	24 Lt.
D	1130+56	24 Rt.	D	1145+08	23 Rt.	D	1171+95	24 Rt.
D	1131+01	24 Rt.	D	1145+46	23 Rt.	D	1172+40	24 Rt.
D	1131+35	23 Rt.	D	1145+87	23 Rt.	D	1173+12	24 Rt.
D	1131+63	49 Rt.	D	1146+00	23 Lt.	D	1173+21	24 Lt.
D	1131+98	57 Rt.	D	1146+29	24 Lt.	D	1174+43	24 Lt.
D	1132+21	23 Rt.	D	1146+30	23 Rt.	D	1174+64	24 Rt.
D	1132+41	23 Rt.	D	1146+86	23 Rt.	D	1174+78	24 Lt.
D	1132+41	23 Lt.	D	1147+32	23 Lt.	D	1175+14	24 Rt.
D	1132+61	23 Rt.	D	1147+44	23 Rt.	D	1175+14	24 Lt.
D	1132+78	23 Rt.	D	1151+19	25 Lt.	D	1175+94	46 Rt.
D	1133+06	23 Rt.	D	1151+50	25 Lt.	D	1176+26	48 Rt.

PLANT DECIDUOUS TREE, SINGLE STEM, OVER 2" TO 2.5"

LINE	STATION	OFFSET	LINE	STATION	OFFSET
D	1176+82	24 Rt.	PR-C-3	1218+14	73 RT
D	1177+15	24 Lt.	PR-C-3	1218+15	92 RT
D	1179+06	24 Rt.	PR-C-3	1219+34	81 RT
D	1179+56	24 Rt.	PR-C-3	1219+65	48 RT
D	1179+80	24 Lt.	PR-C-3	1219+36	48 LT
D	1180+42	24 Rt.	PR-C-3	1219+90	43 LT
D	1180+75	24 Lt.	PR-C-3	1220+93	42 RT
D	1183+26	23 Rt.	PR-C-3	1221+14	43 RT
D	1184+10	20 Rt.	PR-C-3	1221+97	43 RT
D	1184+23	20 Rt.	PR-C-3	1222+40	43 RT
D	1184+79	20 Rt.	PR-C-3	1222+55	43 RT
D	1185+03	20 Rt.	PR-C-3	1223+04	45 RT
D	1185+51	46 Lt.	PR-C-3	1223+39	45 RT
D	1185+64	20 Rt.	PR-C-3	1222+94	43 LT
D	1186+05	21 Rt.	PR-D-2	1188+24	30 LT
D	1186+49	20 Rt.	PR-D-2	1188+50	21 LT
C	1167+90	19 Rt.	PR-D-2	1188+56	45 LT
C	1168+31	19 Rt.	PR-D-2	1189+08	50 LT
C	1168+29	20 Lt.	PR-D-2	1189+07	73 LT
C	1168+85	22 Lt.	PR-D-2	1189+03	40 RT
C	1169+05	20 Rt.	PR-D-2	1189+46	25 LT
C	1169+24	20 Rt.	PR-D-2	1189+43	55 RT
C	1170+80	24 Lt.	PR-D-2	1189+88	76 RT
C	1171+06	24 Lt.	PR-D-2	1190+28	90 RT
C	1171+35	24 Rt.	PR-S-121	51+02	54 RT
C	1171+48	24 Lt.	PR-S-121	51+25	51 RT
C	1171+57	24 Rt.	PR-S-121	51+48	35 RT
C	1186+55	24 Lt.	PR-S-121	55+24	35 LT
C	1187+13	23 Lt.			
C	1186+65	23 Rt.	**TOTAL**	236	EACH
C	1186+95	22 Rt.			
PR-C-3	1187+73	23 LT			
PR-C-3	1188+21	23 LT			
PR-C-3	1188+68	23 LT			
PR-C-3	1188+98	50 LT			
PR-C-3	1189+51	28 LT			
PR-C-3	1189+47	99 LT			
PR-C-3	1189+43	79 LT			
PR-C-3	1189+96	85 LT			
PR-C-3	1190+01	74 LT			
PR-C-3	1189+94	35 LT			
PR-C-3	1189+90	24 LT			
PR-C-3	1190+58	41 LT			
PR-C-3	1191+16	67 LT			
PR-C-3	1191+56	49 LT			
PR-C-3	1206+99	46 LT			
PR-C-3	1207+36	47 LT			
PR-C-3	1207+91	50 LT			
PR-C-3	1209+27	44 LT			
PR-C-3	1209+54	45 LT			
PR-C-3	1214+47	44 RT			
PR-C-3	1215+77	45 RT			

TREE GRATE, 60 IN. X 60 IN.

LINE	STATION	OFFSET
D	1163+43	24 RT
D	1163+99	24 LT
D	1164+30	30 LT
D	1170+60	24 LT
D	1170+80	24 LT
D	1170+86	24 RT
D	1171+50	24 LT
D	1171+95	24 RT
D	1172+00	24 LT
D	1172+40	24 RT
D	1173+12	24 RT
D	1173+21	24 LT
D	1174+43	24 LT
D	1174+64	24 RT
D	1174+78	24 LT
D	1175+14	24 LT
D	1175+14	24 RT
D	1175+94	94 RT
D	1176+26	48 RT
D	1176+82	24 RT
D	1177+15	24 LT
D	1179+06	24 RT
D	1179+56	24 LT
D	1179+80	24 LT
D	1180+42	24 RT
D	1180+75	24 LT
C	1170+80	24 LT
C	1171+06	24 LT
C	1171+35	24 RT
C	1171+48	24 LT
C	1171+57	24 RT
C	1167+65	23 RT
C	1167+95	22 RT
TOTAL	33	EACH

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
TREE LAYOUT TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	235 of 278
CONTRACT	PROJECT
R-30397	0100701

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PAVEMENT REMOVAL

Station	Station	SYS
LINE "D"		
1107+85	1148+20	18,171
1150+90	1186+88	16,456
LINE "PR-D-2"		
1186+88	1193+46	5,617
LINE "C"		
1202+44	1214+96	7,860
1214+96	1223+60	166
1167+80	1172+03	2,034
Undistributed for hydrant cisterns and additional alley areas.		1,378
10% CONTINGENCY		5,168
(Included for unknown PCCP locations due to HMA overlays)		
TOTAL		56,850

CENTER CURB, CONCRETE, REMOVE

Station	Station	SYS
LINE "C"		
1188+57	1189+11	47
1189+25	1191+00	89
1191+00	1192+34	40
1202+45	1207+41	96
1207+99	1209+22	38
1209+85	1211+00	37
1209+95	1210+88	23
1211+66	1214+15	47
LINE "NC-D"		
51+31	51+53	12
LINE "NC"		
41+78	41+99	11
TOTAL		440

CURB, CONCRETE, REMOVE

Station	Station	LFT
LINE "D"		
1107+85	1148+20	1,633
1150+90	1186+88	1,099
LINE "PR-D-2"		
1186+88	1193+46	380
LINE "C"		
1167+80	1172+03	280
1187+68	1192+39	204
1202+45	1223+53	1,111
LINE "PR-S-121"		
50+37	*55+80*	1,193
TOTAL		5,901

TREE, REMOVE 6"

Station	Station	EACH
LINE "D"		
1107+34	1186+87	58
LINE "PR-D-2"		
1186+87	1193+45	9
LINE "C"		
1167+75	1172+24	10
LINE "PR-C-3"		
1187+68	1223+60	10
TOTAL		87

TREE, REMOVE 10"

Station	Station	EACH
LINE "D"		
1107+34	1191+94	22
TOTAL		22

TREE, REMOVE 18"

Station	Station	EACH
LINE "D"		
1107+34	1191+94	40
LINE "PR-D-2"		
1186+87	1193+45	2
LINE "C"		
1167+75	1172+24	2
LINE "PR-C-3"		
1187+68	1223+60	3
LINE "PR-S-121"		
50+37	55+80	1
TOTAL		48

TREE, REMOVE 30"

Station	Station	EACH
LINE "D"		
1107+34	1191+94	9
TOTAL		9

TREE, REMOVE 48"

Station	Station	EACH
LINE "D"		
1107+34	1191+94	1
TOTAL		1

CONCRETE, REMOVE

Station	Station	O/S	Length (ft)	CYS
LINE "D"				
Ex. Conc. Duct Bank (avg. 4'x2')				
1173+47	1173+90	Rt.	43	12.7
1173+98	1177+38	Rt.	340	100.7
1177+43	1178+10	Rt.	67	19.9
Ex. Transormer Vaults (avg 4' depth)				
1173+30		Rt.	17	6.1
1174+10		Rt.	17	6.1
1178+90		Rt.	17	6.1
Ex. Electric Manholes (avg 4' depth)				
1177+41.00		Rt.	20	14.8
TOTAL				167

FOUNDATION, STREET LIGHT, REMOVE

Station	Station	EACH
LINE "D"		
1107+85	1148+20	47
1150+90	1191+94	57
LINE "C"		
1167+80	1172+03	11
1187+68	1192+39	6
1202+45	1223+53	29
LINE "PR-S-121"		
50+33	55+80	1
TOTAL		151

RETAINING WALL, REMOVE

Alignment	Station		Lt./Rt.	LFT
"D"	1118+76	1119+13	*Lt.*	37
	1122+48	1122+54	*Rt.*	32
	1144+42	1144+46	*Lt.*	28
	1158+87	1158+94	*Lt.*	25
"PR-D-2"	1187+76	1188+84	*Rt.*	45
"C"	1189+36	1189+83	*Lt.*	68
	1189+88	1190+25	*Lt.*	37
	1190+30	1190+54	*Lt.*	24
	1190+59	1191+11	*Lt.*	52
	1191+16	1191+37	*Lt.*	21
	1191+42	1191+79	*Lt.*	37
	1191+86	1192+00	*Lt.*	15
	1192+04	1192+30	*Lt.*	26
	1192+31	1192+36	*Lt.*	14
	1189+35	1189+42	*Rt.*	12
	1217+00	1217+96	*Rt.*	114
"NC"	41+32	42+44	*Lt.*	147
TOTAL				734

SIGNS AND SUPPORTS, CHANNEL POSTS, REMOVE

Station	Station	EACH
LINE "D"		
1107+85	1148+20	62
1150+90	1191+94	69
LINE "C"		
1170+08	1172+77	10
1185+22	1192+82	21
1204+09	1223+23	21
LINE "PR-S-121"		
49+60	57+40	10
TOTAL		193

OVERHEAD SIGN STRUCTURE, CANTILEVER, REMOVE

Station	O/S	EACH
LINE "D"		
1170+70	Rt.	1
1182+77	Lt.	1
"PR-D-2"		
1192+78	Lt.	1
LINE "PR-C-3"		
1205+51	Rt.	1
TOTAL		4

CONCRETE FOUNDATION, REMOVE

Alignment	Station	Station	O/S	Length (ft)
	"D"	1170+70	Rt.	1
		1182+50	Rt.	1
	"PR-C-3"	1191+73	Lt.	1
		1205+50	Lt.	1
TOTAL				4

REGULATED ASBESTOS CONTAINING MATERIALS, REMOVE (Undistributed)

Station	Station	EACH
LINE "D"		
1107+85	1148+20	404
1150+90	1193+46	426
LINE "C"		
1168+00	1171+60	36
1187+50	1187+68	2
LINE "PR-C-3"		
1202+44	1218+60	162
LINE "PR-S-121"		
50+37	55+80	54
		1,083
TOTAL		1,100

CONTAMINATED SOIL, REMOVE

Structure				CYS
Undistributed for potential encounter of contaminated soil.				
187				56
191				74
193				39
194				106
196				7
TOTAL				282

SIDEWALK, CONCRETE, REMOVE

Station	Station	EACH
LINE "D"		
1117+92	1148+20	3,272
1150+90	1191+94	7,818
LINE "NC"		
40+60	42+84	155
LINE "C"		
1167+80	1172+03	589
1187+68	1192+39	525
1202+45	1223+53	1,433
LINE "PR-S-121"		
50+33	55+80	667
TOTAL		14,459

RETAINING WALL, REMOVE

Alignment	Station	Station	O/S	Length (ft)
"D"	1118+76	1119+13	Lt.	37
	1122+48	1122+54	Rt.	32
	1144+42	1144+46	Lt.	28
	1158+87	1158+94	Lt.	25
"PR-D-2"	1187+76	1188+84	Rt.	45
"C"	1189+36	1189+83	Lt.	68
	1189+88	1190+25	Lt.	37
	1190+30	1190+54	Lt.	24
	1190+59	1191+11	Lt.	52
	1191+16	1191+37	Lt.	21
	1191+42	1191+79	Lt.	37
	1191+86	1192+00	Lt.	15
	1192+04	1192+30	Lt.	26
	1192+31	1192+36	Lt.	14
	1189+35	1189+42	Rt.	12
	1217+00	1217+96	Rt.	114
"NC"	41+32	42+44	Lt.	147
TOTAL				734

INLET, REMOVE

Station	Station	EACH
LINE "D"		
1107+85	1148+20	23
1150+90	1191+94	24
LINE "C"		
1167+80	1172+03	5
1187+68	1192+39	6
1202+45	1223+53	21
LINE "PR-S-121"		
50+33	55+80	4
10% CONTINGENCY		9
TOTAL		92

MANHOLE, REMOVE

Station	Station	EACH
LINE "D"		
1107+85	1148+20	2
1150+90	1191+94	6
LINE "C"		
1167+80	1172+03	1
1187+68	1192+39	2
1202+45	1223+53	3
LINE "PR-S-121"		
50+33	55+80	1
10% CONTINGENCY		2
TOTAL		17

PIPE, REMOVE

Station	Station	LFT
LINE "PR-D-1"		
1111+45	1115+00	107
LINE "D"		
1115+00	1188+16	2,313
LINE "PR-D-2"		
1188+14	1188+50	48
LINE "C"		
1169+62	1223+67	1,632
LINE "P-S-121"		
54+35	55+76	151
LINE "NH10"		
70+74	73+00	25
10% CONTINGENCY		428
TOTAL		4,704

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS
TABLES

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-30397	0100701

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PAVED SIDE DITCH, RIPRAP DITCH, AND SODDING SUMMARY TABLE

LOCATION					PAVED SIDE DITCH								RIPRAP DITCH			SODDING						
								TOTAL EQUIVALENT PAY LENGTHS														
								TYPE														
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	ACTUAL LENGTH	CUT OFF WALLS (8' EQUIVAL. LENGTH EACH)	LUGS (8' EQUIVAL. LENGTH EACH)						REVETMENT RIPRAP	UNIFORM RIPRAP	GEOTEXTILES	FOR PAVED SIDE DITCHES	FOR DITCHES	FOR MEDIAN	FOR SHOULDER BREAK	SODDING AT BRIDGE CONE	TOTAL SODDING	NURSERY SODDING FOR LAWNS
					LFT	EACH	EACH	LFT	LFT	LFT	LFT	LFT	TONS	TONS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS
Line "PR-D-1"																						
1107+64	1112+32	x																				439
1108+23	1111+71			x																		379
	South N St.																					
1112+53	1113+55	x																				192
1112+04	1113+55			x																		188
Line "D"																						
1113+55	1117+66	x																				167
1113+55	1117+38			x																		192
	South M St.																					
1117+87	1121+93	x																				464
1117+66	1121+85			x																		231
	South L St.																					
1122+36	1128+41	x																				382
1122+48	1128+42			x																		241
	South J St.																					
1128+70	1134+92	x																				362
1128+70	1131+66			x																		195
	South I St.																					
1131+97	1134+92			x																		181
	South H St.																					
1135+21	1140+46	x																				328
1135+22	1140+47			x																		322
	South G St.																					
1140+83	1144+46	x																				236
1140+79	1144+55			x																		216
	South F St.																					
1144+87	1148+93	x																				178
1144+82	1148+92			x																		206
	Project Exception (1148+20 thru 1150+90) for South E St.																					
1150+90	1158+60	x																				324
	South C (Lt only)																					
1158+86	1164+49	x																				276
1150+90	1159+73			x																		376
	South C St. (Rt only)																					
1160+16	1164+37			x																		191
	South B St.																					
1164+80	1169+39	x																				187
1164+79	1169+32			x																		228
	South A St.																					
1169+88	1175+96	x																				
1169+88	1175+96			x																		
	E Main St.																					
1176+25	1181+48	x																				
1176+25	1181+48			x																		
	North A St.																					
1182+12	1185+20	x																				55
1182+05	1185+19			x																		285
	North B St.																					
1185+49	1186+88	x																				40
1185+50	1186+88			x																		115
Line "PR-D-2"																						
1186+88	1188+45																					311
1189+00	1193+40																					508
1186+88	1192+60																					612
1189+68	1191+94																					1,951

PAVED SIDE DITCH, RIPRAP DITCH, AND SODDING SUMMARY TABLE

LOCATION					PAVED SIDE DITCH								RIPRAP DITCH			SODDING						
								TOTAL EQUIVALENT PAY LENGTHS														
								TYPE														
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	ACTUAL LENGTH	CUT OFF WALLS (8' EQUIVAL. LENGTH EACH)	LUGS (8' EQUIVAL. LENGTH EACH)						REVETMENT RIPRAP	UNIFORM RIPRAP	GEOTEXTILES	FOR PAVED SIDE DITCHES	FOR DITCHES	FOR MEDIAN	FOR SHOULDER BREAK	SODDING AT BRIDGE CONE	TOTAL SODDING	NURSERY SODDING FOR LAWNS
					LFT	EACH	EACH	LFT	LFT	LFT	LFT	LFT	TONS	TONS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS
Line "PR-C-3																						
1202+44	1209+02			x																		90
1202+44	1207+46	x																				3,180
	North G St.																					
1207+77	1211+19	x																				226
	North H St.																					
1211+47	1214+53	x																				141
1212+86	1214+42			x																		68
	North I St.																					
1214+80	1218+70	x																				180
1214+80	1218+70			x																		61
	SR 121																					
1219+16	1223+60	x																				155
1219+16	1223+60			x																		144
Line "C"																						
1167+80	1169+40	x																				29
1167+93	1169+46			x																		71
1187+00	1187+68	x																				47
Line" PR-C-3"																						
1187+68	1188+80	x																				75
1187+68	1189+01	x																				29
Line "NC"																						
Included with "PR-D-2" quantity																						
Line NH10"																						
70+85	74+50			x																		167
Line "PR-S-1																						
54+86	55+80	x																				46
55+42	55+80			x																		86
																						15,353

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

RIPRAP & SODDING
SUMMARY TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	237 of 278
CONTRACT	PROJECT
R-30397	0100701

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SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"PR-D-1"	1108+25 RT	R4-7																				Do not disturb exist. sign & support
	1110+01 LT	M3-3																			1	Remove and reset exist. signs & support
		M1-4																				
		M1-5																				
	1111+02 LT	R2-1 (40)																1				Remove and reset exist. sign & support
	1111+03 RT	R2-1 (40)																1				Remove and reset exist. sign & support
	1111+83 LT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
	1111+92 LT	R1-1																1				Remove and reset exist. sign & support
	1112+21 RT	R1-1																1				Remove and reset exist. sign & support
	1112+29 RT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
	1112+38 RT	D3-24	30x12			2.50							9.5		9.5					1		S 8th St
		D3-2	24x12			2.00																S N St
	1113+46 RT	R8-3a																1				Remove and reset exist. sign & support
"D"	1117+33 LT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
	1117+39 LT	D3-24	30x12			2.50							9.5		9.5					1		S 8th St
		D3-3	24x12			2.00																S M St
	1117+44 LT	R1-1																1				Remove and reset exist. sign & support
	1117+77 RT	R1-1																1				Remove and reset exist. sign & support
	1117+86 RT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
	1118+35 LT	R7-11																1				Remove and reset exist. sign & support
	1119+00 RT	R8-3a																1				Remove and reset exist. sign & support
	1120+71 LT	R2-1 (35)																1				Remove and reset exist. sign & support
	1120+71 RT	R2-1 (35)																1				Remove and reset exist. sign & support
	1121+00 RT	R8-3a																1				Remove and reset exist. sign & support
	1121+61 LT	M3-3																			1	Remove and reset exist. signs & support
		M1-4																				
		M1-5																				
	1121+79 RT	D3-24	30x12			2.50							10.0		10.0					1		S 8th St
		D3-5	24x12			2.00																S L St
	1121+81 LT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
	1122+50 RT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
Subtotals this sheet:						13.50									29.0				12	3	8	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	238 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"D"	1122+67 LT	S1-1																		1	Remove and reset exist. signs & support
		W16-7p																			
	1122+67 RT	S1-1																		1	Remove and reset exist. signs & support
		W16-7p																			
	1123+14 LT	R7-11															1				Remove and reset exist. sign & support
	1123+18 RT	R7-11															1				Remove and reset exist. sign & support
	1127+46 LT	S1-1																		1	Remove and reset exist. signs & support
		W16-9p																			
		RP Marker (21)																			
	1127+56 RT	S1-1																		1	Remove and reset exist. signs & support
		W16-9p																			
	1128+26 LT	R6-2R																		1	Remove and reset exist. signs & support
		R6-2L																			
	1128+29 LT	D3-24	30x12			2.50							9.5		9.5				1		S 8th St
		D3-7	24x12			2.00															S J St
	1128+37 LT	R1-1															1				Remove and reset exist. sign & support
	1128+73 RT	R1-1															1				Remove and reset exist. sign & support
	1128+74 LT	R5-2															1				Remove and reset exist. sign & support
	1128+83 RT	R6-2R																		1	Remove and reset exist. signs & support
		R6-2L																			
	1128+87 LT	S1-1																		1	Remove and reset exist. signs & support
		W16-7p																			
	1128+87 RT	S1-1																		1	Remove and reset exist. signs & support
		W16-7p																			
	1129+33 RT	R7-11															1				Remove and reset exist. sign & support
	1129+43 LT	R7-11															1				Remove and reset exist. sign & support
	1129+63 RT	R7-8															1				Remove and reset exist. sign & support
	1130+39 LT	R7-8															1				Remove and reset exist. sign & support
	1130+64 RT	R2-1 (35)															1				Remove and reset exist. sign & support
	1131+27 LT	R2-1 (35)															1				Remove and reset exist. sign & support
	1131+62 RT	R6-2L															1				Remove and reset exist. sign & support
	1131+89 LT	R6-2L															1				Remove and reset exist. sign & support
	1131+99 RT	R1-1															1				Remove and reset exist. sign & support
	1132+07 RT	D3-24	30x12			2.50							9.5		9.5				1		S 8th St
		D3-8	24x12			2.00															S I St
	1132+65 RT	R7-11															1				Remove and reset exist. sign & support
	1133+49 LT	S1-1																		1	Remove and reset exist. signs & support
		W16-9p																			
	1133+49 RT	S1-1																		1	Remove and reset exist. signs & support
		W16-9p																			
Subtotals this sheet:						9.00									19.0				15	2	10	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	239 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"D"	1134+90 LT	R1-1																1			Remove and reset exist. sign & support
	1135+25 RT	R1-1																1			Remove and reset exist. sign & support
	1135+32 LT	D3-24	30x12			2.50							9.5		9.5					1		S 8th St
		D3-9	24x12			2.00																S H St
	1135+33 RT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
	1135+91 LT	R7-11																1				Remove and reset exist. sign & support
	1138+37 LT	R2-1 (35)																1				Remove and reset exist. sign & support
	1138+37 RT	R2-1 (35)																1				Remove and reset exist. sign & support
	1140+42 LT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
	1140+46 LT	R1-1																1				Remove and reset exist. sign & support
	1140+86 RT	R1-1																1				Remove and reset exist. sign & support
	1140+86 RT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
	1140+88 RT	D3-24	30x12			2.50							9.5		9.5					1		S 8th St
		D3-10	24x12			2.00																S G St
	1141+56 LT	R7-11																1				Remove and reset exist. sign & support
	1141+56 RT	R7-11																1				Remove and reset exist. sign & support
	1144+39 LT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
	1144+42 LT	R1-1																1				Remove and reset exist. sign & support
	1144+88 RT	R1-1																1				Remove and reset exist. sign & support
	1144+93 RT	R6-2R																			1	Remove and reset exist. signs & support
		R6-2L																				
	1144+96 RT	D3-24	30x12			2.50							9.5		9.5					1		S 8th St
		D3-11	24x12			2.00																S F St
	1145+60 RT	R7-11																1				Remove and reset exist. sign & support
	1145+60 LT	R7-11																1				Remove and reset exist. sign & support
	1146+33 RT	M3-3																			1	Remove and reset exist. signs & support
		M1-4																				
		M1-5																				
Subtotals this sheet:						13.50									28.5				13	3	6	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN &
POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	240 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"D"	1146+36 LT	M3-3																			1	Remove and reset exist. signs & support
		M1-4																				
		M1-5																				
	1147+19 LT	R7-8																1				Remove and reset exist. sign & support
	1147+55 LT	R2-1 (35)	24x30	5.00									10.0		10.0				1			Replace exist. sign & support
	1147+55 RT	R2-1 (35)	24x30	5.00									10.0		10.0				1			Replace exist. sign & support
	1148+70 RT	R7-6																				Do Not Disturb
	1148+82 LT	R6-2R																				Do Not Disturb
		R6-2L																				
	1149+41 RT	R6-2R																				Do Not Disturb
		R6-2L																				
	1149+96 RT	R8-3a																				Do Not Disturb
	1150+32 LT	R3-5R																				Do Not Disturb
	1150+32 RT	R3-5L																				Do Not Disturb
	1150+51 RT	R7-11																				Do Not Disturb
	1151+00 RT	R8-3a																1				Remove and reset exist. sign & support
	1152+10 LT	R7-11																1				Remove and reset exist. sign & support
	1153+59 RT	R7-8																1				Remove and reset exist. sign & support
	1153+81 RT	R7-8																1				Remove and reset exist. sign & support
	1157+24 LT	R7-8																1				Remove and reset exist. sign & support
	1157+70 RT	City sign (Bus Stop)											10.0		10.0			1				Reset exist. sign on new support
	1157+80 LT	R2-1 (35)																1				Remove and reset exist. sign & support
	1157+80 RT	R2-1 (35)																1				Remove and reset exist. sign & support
	1158+49 LT	R6-2R																1				Remove and reset exist. sign & support
	1158+57 LT	R6-2L																1				Remove and reset exist. sign & support
	1158+57 LT	R1-1																1				Remove and reset exist. sign & support
	1158+71 RT	R6-2R																1				Remove and reset exist. sign & support
	1159+05 LT	D3-24	30x12			2.50							9.5		9.5					1		S 8th St
		D3-12	24x12			2.00																S C St
	1159+37 LT	R7-11																1				Remove and reset exist. sign & support
	1159+50 LT	R7-108																1				Remove and reset exist. sign & support
	1159+69 RT	R6-2L																				
	1160+21 RT	D3-24	30x12			2.50							9.5		9.5					1		S 8th St
		D3-12	24x12			2.00																S C St
	1160+27 LT	S2-1	30x30	6.25									10.0		10.0					1		Replace exist. sign & support
	1160+44 RT	S2-1	30x30	6.25									10.0		10.0					1		Replace exist. sign & support
	1162+37 RT	R7-8																1				Remove and reset exist. sign & support
Subtotals this sheet:				22.50		9.00									69.0				16	6	1	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	241 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"D"	1163+30 LT	S1-1																1			Remove and reset exist. sign & support
	1163+30 RT	S1-1																1			Remove and reset exist. sign & support
	1164+35 RT	R6-2R																1			Remove and reset exist. sign & support
	1164+49 LT	R6-2L																1			Remove and reset exist. sign & support
	1164+74 RT	R1-1																1			Remove and reset exist. sign & support
	1164+75 RT	R6-2R																1			Remove and reset exist. sign & support
	1164+78 RT	D3-24	30x12			2.50							9.5		9.5				1		S 8th St
		D3-13	24x12			2.00															S B St
	1165+05 LT	W11-1																1			Remove and reset exist. sign & support
	1165+05 RT	W11-1																1			Remove and reset exist. sign & support
	1165+41 RT	R7-11																1			Remove and reset exist. sign & support
	1165+65 LT	R7-108																1			Remove and reset exist. sign & support
	1166+96 LT	R7-108																1			Remove and reset exist. sign & support
	1167+60 RT	R7-8																1			Remove and reset exist. sign & support
	1167+73 LT	R8-3a																1			Remove and reset exist. sign & support
	1167+78 RT	City sign (Adopt-a-Street)											9.5		9.5			1			Reset exist. sign on new support
	1167+93 RT	R6-2R	18x24	3.00									9.5		9.5				1		Replace exist. sign & support
	1168+63 LT	M3-3																		1	Remove and reset exist. signs & support
		M1-4																			
		M1-5																			
		R8-3a																			
	1169+31 RT	R6-2L																1			Remove and reset exist. sign & support
	1169+38 LT	M3-2	24x12	2.00									12.5		12.5				1		Replace exist. signs & support
	RMA9	M1-4	24x24	4.00																	
		M6-3	21x15	2.19																	
		R6-2R	18x24	3.00																	
	1169+95 LT	R3-1																		1	Remove and reset exist. signs & support
		R6-2L																			
	1170+67 RT	R3-5L	30x36		7.50								10.5		10.5						
	1170+70 RT																1				Remove exist. cantil. overhead sign str.
	1171+40 LT	R7-108																1			Remove and reset exist. sign & support
	1171+56 RT	R8-3a																1			Remove and reset exist. sign & support
	1172+23 RT	R7-108																1			Remove and reset exist. sign & support
	1172+41 LT	M3-2																		1	Remove and reset exist. signs & support
		M1-4																			
		M5-1																			
	1172+45 LT	R5-1	30x30	6.25									10.0		10.0				1		Replace exist. sign & support
	1172+46 LT	Exist. City Sign											9.5		9.5			1			Reset exist. sign on new support
	1172+51 RT	M3-2	24x12	2.00									10.5		10.5						
	RMA32	M1-4	24x24	4.00																	
		M5-1	21x15	2.19																	
	1173+01 LT	R8-3a																1			Remove and reset exist. sign & support
Subtotals this sheet:				28.63	7.50	4.50									81.5		1		20	4	3	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	242 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"D"	1173+41 LT	R8-3a																1				Remove and reset exist. sign & support
	1173+60 RT	R7-108																			1	Remove and reset exist. signs & support
		R7-8																				
	1174+20 LT	M2-1																			1	Remove and reset exist. signs & support
		M3-2																				
		M1-4																				
	1174+20 RT	M2-1																			1	Remove and reset exist. signs & support
		M3-2																				
		M1-4																				
	1174+85 LT	R7-108																1				Remove and reset exist. sign & support
	1175+18 RT	R7-7																1				Remove and reset exist. sign & support
	1175+36 LT	R2-1 (25)																1				Remove and reset exist. sign & support
	1175+36 RT	R2-1 (25)	24x30	5.00									10.0		10.0							
	1175+56 RT	R7-7																1				Remove and reset exist. sign & support
	1175+61 RT	Exist. "Historical National Road" sign and exist. M6-4 sign																			1	Remove and reset exist. signs
	1175+94 LT	R3-2	24x24	4.00									9.5		9.5							
	1175+95 RT	R5-2	24x24	4.00									9.5		9.5					1		Replace exist. sign & support
	1176+26 LT	R5-2	24x24	4.00									9.5		9.5					1		Replace exist. sign & support
	1176+45 LT	R10-11a																1				Remove and reset exist. sign & support
	1176+85 LT	R7-8																1				Remove and reset exist. sign & support
	1176+85 RT	R7-8																1				Remove and reset exist. sign & support
	1177+10 RT	R7-108																1				Remove and reset exist. sign & support
	1177+14 LT	R7-108																1				Remove and reset exist. sign & support
	1177+99 LT	R1-1																1				Remove and reset exist. sign & support
	1178+23 RT	R5-1																			1	Remove and reset exist. signs & support
		R1-1																				
	1178+40 LT	W11-2																			1	Remove and reset exist. signs & support
		W16-7p																				
	1178+40 RT	W11-2																			1	Remove and reset exist. signs & support
		W16-7p																				
	1179+29 RT	City sign (Adopt-a-Street)											9.5		9.5			1				Reset exist. sign on new support
	1179+37 RT	R7-108																1				Remove and reset exist. sign & support
	1179+72 RT	M3-3																			1	Remove and reset exist. signs & support
		M1-4																				
		M1-5																				
	1179+84 LT	M3-3																			1	Remove and reset exist. signs & support
		M1-4																				
		M1-5																				
	1180+11 LT	R8-3a																1				Remove and reset exist. sign & support
Subtotals this sheet:				17.00											48.0			14	2	9		

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	243 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"D"	1180+58 RT	R7-108																1			Remove and reset exist. sign & support
	1181+26 LT	R8-3a																1			Remove and reset exist. sign & support
	1182+01 RT	Local sign "Parking"											9.5		9.5			1			Reset exist. sign on new support
	1182+01 RT	R6-2L																1			Remove and reset exist. sign & support
	1182+23 LT	R6-2R																1			Remove and reset exist. sign & support
	1182+85 LT	R3-5R																1			Remove and reset exist. sign & support
	1182+87 LT															1					Remove exist. cantil. overhead sign str.
	1183+12 LT	R8-3a																1			Remove and reset exist. sign & support
	1183+91 LT	Local Sign (Earlham College)											9.5		9.5			1			Reset exist. sign on new support
	1184+00 RT	R8-3a																1			Remove and reset exist. sign & support
	1184+38 LT	R8-3a																1			Remove and reset exist. sign & support
	1184+67 LT	M3-4																		1	Remove and reset exist. signs & support
		M1-4																			
		M5-1																			
	1184+90 RT	R8-3a																1			Remove and reset exist. sign & support
	1185+10 RT	R6-2L																1			Remove and reset exist. sign & support
	1185+17 LT	R6-2R																1			Remove and reset exist. sign & support
	1185+18 LT	R1-1	30x30	6.25									10.0		10.0				1		Replace exist. sign & support
	1185+61 RT	D3-23	30x12			2.50							9.5		9.5				1		N 8th St
		D3-15	24x12			2.00															N B St
	1185+61 LT	R6-2L	18x24	3.00															1		Replace exist. sign & support
	185+96 LT	M2-1	21x15	2.19									10.5		10.5				1		Replace exist. signs & support
	RMA-12	M3-4	24x12	2.00																	
		M1-4 (40)	24x24	4.00																	
	1186+40 LT	R8-3a	24x24	4.00									9.5		9.5				1		Replace exist. sign & support
	1186+48 RT	R2-1 (30)	24x30	5.00									10.0		10.0				1		Replace exist. sign & support
	1186+95 LT	R2-1 (30)	24x30	5.00									10.0		10.0				1		Replace exist. sign & support
"PR-D-2"	1188+02 LT	R1-2	30x30	6.25									10.0		10.0				1		Replace exist. sign & support
	1188+12 LT	R1-2	30x30	6.25									9.5		9.5						
	1188+62 RT	R6-2R	18x24	3.00									9.5		9.5				1		Replace exist. sign & support
	1188+71 LT	R2-1 (30)	24x30	5.00									10.0		10.0				1		Replace exist. sign & support
	1189+73 RT	R1-1	30x30	6.25									10.0		10.0				1		Replace exist. sign & support
Subtotals this sheet:				58.19		4.50									127.5		1		13	11	1	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	244 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"PR-D-2"	1192+00 LT	S3-1	30x30	6.25									10.0		10.0					1		Replace exist. signs & support
	1192+46 LT	R8-3a	24x24	4.00									9.5		9.5					1		Replace exist. signs & support
	1192+50 RT	M1-4 (27)	24x24	4.00									11.5		11.5					1		Replace exist. signs & support
	RMA18	M1-5 (227)	30x24	5.00																		
		M6-1	21x15	2.19																		
	1193+39 LT	R1-1	30x30	6.25									10.0		10.0					1		Replace exist. signs & support
"C"	1186+23 RT	R8-3a																				Do not Disturb
	1186+51 LT	R3-7L																	1			Remove and reset exist. sign & support
	1187+17 LT	R8-3a																	1			Remove and reset exist. sign & support
	1187+23 RT	W6-3																	1			Remove and reset exist. sign & support
"PR-C-3"	1187+77 RT	R8-3a																	1			Remove and reset exist. sign & support
	1188+04 LT	R8-3a																	1			Remove and reset exist. sign & support
	1188+89 RT	R8-3a																	1			Remove and reset exist. sign & support
	1188+97 LT	R1-2																		1		Remove exist. sign & support
	1189+03 RT	D3-1	30x12			2.50							9.5		9.5					1		N 9th St
		D3-16	24x12			2.00																N C St
	1189+28 RT	R1-1	30x30	6.25									10.0		10.0					1		Replace exist. sign & support
	1190+50 LT	R2-1(35)	24x30	5.00									10.0		10.0					1		Replace exist. sign & support
	1190+51 RT	R2-1(35)	24x30	5.00									10.0		10.0					1		Replace exist. sign & support
	1191+37 RT	R5-1	30x30	6.25									10.0		10.0					1		Replace exist. sign & support
	1191+39 LT	R4-7	24x30	5.00									10.0		10.0							
	1191+60 RT	R7-11	12x18	1.50									9.0		9.0					1		Replace exist. sign & support
	1192+08 RT	R3-2	24x24	4.00									9.5		9.5					1		Replace exist. sign & support
	1192+15 RT	D3-1	30x12			2.50							9.5		9.5					1		N 9th St
		D3-17	24x12			2.00																N D St
	1195+73 LT																1					Remove exist. cantil. overhead sign str.
Subtotals this sheet:				60.69		9.00									128.5		1		6	13		

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	245 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"PR-C-3"	1205+26 LT	R2-1(35)	24x30	5.00									10.0		10.0					1		Replace existing sign and support
	1205+50 RT	M3-1	24x12	2.00									12.0		12.0					1		Replace existing signs and support
	RMA-19	M1-5 (121)	30x24	5.00																		
		M1-5 (227)	30x24	5.00																		
		M5-1	21x15	2.19																		
	1205+51 RT																1					Remove exist. cantil. overhead sign str.
	1206+57 LT	M3-3	24x12	2.00									11.5		11.5					1		Replace existing signs and support
	RMA-20	M1-4 (27)	24x24	4.00																		
		M1-5 (227)	30x24	5.00																		
	1207+41 LT	D3-20	48x12			4.00							9.5		9.5					1		Chester Blvd
		D3-18	24x12			2.00																N G St
	1207+45 LT	R1-1	30x30	6.25									10.0		10.0					1		Replace existing sign and support
"NH10"	71+13 LT	R1-1	30x30	6.25									10.0		10.0					1		Replace existing sign and support
"PR-C-3"	1209+38 RT	D3-25	36x12			3.00							9.5		9.5					1		N 10th St
		D3-19	24x12			2.00																N H St
	1210+30 LT	R2-1(35)	24x30	5.00									10.0		10.0					1		Replace existing sign and support
"NH10"	72+69 RT	R1-1	30x30	6.25									10.0		10.0					1		Replace existing sign and support
"PR-C-3"	1211+12 LT	R1-1	30x30	6.25									10.0		10.0					1		Replace existing sign and support
	1212+22 RT	R2-1(35)	24x30	5.00									10.0		10.0					1		Replace existing sign and support
	1212+99 RT	M2-1	21x15	2.19									9.5		9.5					1		Replace existing signs and support
	RMA-21	M1-5 (121)	30x24	5.00																		
	1213+68 LT	R8-3a	24x24	4.00									9.5		9.5					1		Replace existing signs and support
	1214+47 LT	R1-1	30x30	6.25									10.0		10.0					1		Replace existing sign and support
	1214+83 RT	R1-1	30x30	6.25									10.0		10.0					1		Replace existing sign and support
	1214+98 LT	D3-20	48x12			4.00							9.5		9.5					1		Chester Blvd
		D3-21	24x12			2.00																N I St
	1216+36 RT	R8-3a	24x24	4.00									9.5		9.5					1		Replace existing sign and support
	1216+79 LT	M3-3	24x12	2.00									11.0		11.0					1		Replace existing signs and support
	RMA-20	M1-4	24x24	4.00																		
		M1-5	30x24	5.00																		
	1218+39 LT	M1-4	24x24	4.00									9.5		9.5					1		Replace existing signs and support
	RMA-24	M6-4	21x15	2.19																		
	1218+39 LT	M4-6	24x12	2.00																1		Replace existing signs and support
	RMA-25	M1-5	24x24	4.00																		
	1218+39 LT	M3-3	24x12	2.00									10.5		10.5					1		Replace existing signs and support
	RMA-26	M1-5	24x24	4.00																		
		M6-1	21x15	2.19																		
Subtotals this sheet:				124.25		17.00									201.5		1			21		

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	246 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"PR-C-3"	1219+38 LT	M4-5	24x12	2.00									10.5		10.5					1		Replace existing signs and support
	RMA-16	M1-1 (70)	24x24	4.00																		
		M6-1	21x15	2.19																		
	1219+46 RT	D3-20	48x12			4.00							9.5		9.5					1		Chester Blvd
		D3-22	24x12			2.00																N J St
	1222+27 LT	M3-3	24x12	2.00									10.5		10.5					1		Replace existing signs and support
	RMA-23	M1-5 (227)	30x24	5.00																		
		M6-3	21x15	2.19																		
	1222+27 LT	M3-1	24x12	2.00																1		Replace existing signs and support
	RMA-36	M1-5 (121)	30x24	5.00																		
		M5-1	21x15	2.19																		
	1222+27 LT	M1-5 (227)	30x24	5.00									9.5		9.5					1		Replace existing signs and support
	RMA-37	M5-1	21x15	2.19																		
	1223+31 LT	R8-3a	24x24	4.00									9.5		9.5					1		Replace existing sign and support
"PR-S-121"	51+75 LT	M1-4 (27)	24x24	4.00									9.5		9.5					1		Replace existing sign and support
	RMA-24	M6-4	21x15	2.19																		
	53+50 LT	R2-1 (30)	24x30	5.00									10.0		10.0					1		Replace existing sign and support
	53+90 LT	M1-5 (227)	30x24	5.00									9.5		9.5					1		Replace existing sign and support
	RMA-39	M5-1	21x15	2.19																		
	53+90 LT	M4-6	24x12	4.00									9.5		9.5					1		Replace existing sign and support
	RMA-25	M1-5 (121)	30x24	5.00																		
	54+20 LT	M2-1	21x15	2.19									9.5		9.5					1		Replace existing sign and support
	RMA-38	M1-4 (27)	24x24	4.00																		
	54+62 RT	R1-1																				Do not disturb exist. sign & support
	55+33 LT	R1-1																				Do not disturb exist. sign & support
Subtotals this sheet:				71.31		6.00									97.5					11		

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

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CHECKED: CNC CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	247 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
"C"	1167+77 RT	R6-2R																1			Remove and reset exist. sign & support
	1168+10 LT	Existing Local Sign											9.5		9.5			1			Reset exist. sign on new support
	1168+91 RT	Existing Local Sign											9.5		9.5			1			Reset exist. sign on new support
	1169+15 LT	R7-11																1			Remove and reset exist. sign & support
	1169+55 LT	R6-2L																1			Remove and reset exist. sign & support
	1170+07 LT	R6-2R																1			Remove and reset exist. sign & support
	1170+65 LT	R7-108																1			Remove and reset exist. sign & support
	1170+65 RT	R7-6																1			Remove and reset exist. sign & support
	1171+22 RT	R7-108																1			Remove and reset exist. sign & support
	1171+45 RT	M3-3																		1	Remove and reset exist. signs & support
		M1-4																			
		M1-5																			
	1171+89 LT	R2-1(25)																1			Remove and reset exist. sign & support
	1171+89 RT	R2-1(25)																1			Remove and reset exist. sign & support
Subtotals this sheet:															19.0			11		1	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

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INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN &
POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	248 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
	THE FOLLOWING SIGNS ARE MOUNTED ON TRAFFIC SIGNAL SPANS																					
	TRAFFIC SIGNAL @ "S. L STREET"																					
"D"	1121+74 RT	**(RMA-20)**																				
		M3-3	24x12	2.00									(S)									
		M1-4 (27)	24x24	4.00									(S)									
		M1-5 (227)	30x24	5.00									(S)									
		R3-5L	30x36	7.50									(S)									
		D3-2-2	42x18			5.25							(S)									S L St
	1121+88 RT	D3-2-3	54x18			6.75							(S)									S 8th St
	1122+04 RT	R3-2	24x24	4.00									(S)									
	1122+12 LT	R3-5L	30x36	7.50									(S)									
	1122+34 LT	D3-2-3	54x18			6.75							(S)									S 8th St
	1122+42 LT	R3-1	24x24	4.00									(S)									
		(Five) R10-3a	9x15	4.69																		
	TRAFFIC SIGNAL @ "S. A STREET"																					
	1169+32 LT	R3-1	24x24	4.00									(S)									
		(RMA-23)																				
		M3-3	24x12	2.00									(S)									
		M1-5 (227)	30x24	5.00									(S)									
		M6-3	21x15	2.19									(S)									
		(RMA-28)																				
		M3-3	24x12	2.00									(S)									
		M1-4 (27)	24x24	4.00									(S)									
		M6-3	21x15	2.19									(S)									
		(RMA-29)																				
		M3-2	24x12	2.00									(S)									
		M1-4 (40)	24x24	4.00									(S)									
		M6-1	21x15	2.19									(S)									
		D3-2-4	42x18			5.25							(S)									S A St
	1169+81 RT	D3-2-3	54x18			6.75							(S)									S 8th St
	1169+87 RT	R3-2	24x24	4.00									(S)									
		(Four) R10-3a	9x15	3.75																		
	TRAFFIC SIGNAL @ "E. MAIN STREET"																					
	1175+78 RT	D3-2-5	66x18			8.25							(S)									E Main St
	1175+78 RT	Exist. Sign											(S)									
	1175+90 RT	D3-2-3	54x18			6.75							(S)									S 8th St
	1176+09 RT	R3-2	24x24	4.00									(S)									
	1176+23 LT	D3-2-3	54x18			6.75							(S)									S 8th St
	1176+30 LT	R3-1	24x24	4.00									(S)									
		(Six) R10-3a	9x15	5.63																		
													(S) = MOUNTED ON TRAFFIC SIGNAL SPAN. WIRE MOUNTING BRACKET ASSEMBLY REQUIRED.									
Subtotals this sheet:				89.64		52.50																

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	249 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL	SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL	OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
	THE FOLLOWING SIGNS ARE MOUNTED ON TRAFFIC SIGNAL SPANS														
	TRAFFIC SIGNAL @ "S. A STREET"														
"C"	1169+62 RT	R3-1	24 x 24	4.00			(S)								
	1169+76 RT	**(RMA-9)**													
		M3-2	24 x 12	2.00			(S)								
		M1-4 (40)	24 x 24	4.00			(S)								
		M6-3	21 x 15	2.19			(S)								
	1169+83 RT	**(RMA-8)**													
		M3-1	24 x 12	2.00			(S)								
		M1-4 (27)	24 x 24	4.00			(S)								
		M6-1	21 x 15	2.19			(S)								
	1169+88 RT	**(RMA-7)**													
		M4-5	24 x 12	2.00			(S)								
		M1-1 (70)	24 x 24	4.00			(S)								
		M6-1	21 x 15	2.19			(S)								
	1169+92 RT	**(RMA-6)**													
		M3-1	24 x 12	2.00			(S)								
		M1-5 (227)	30 x 24	5.00			(S)								
		M6-1	21 x 15	2.19			(S)								
	1170+00 RT	D3-2-1	54x18			6.75	(S)								S 9th St
	1170+06 LT	R3-2	24 x 24	4.00			(S)								
	1170+14 LT	**(RMA-1)**													
		M3-1	24 x 12	2.00			(S)								
		M1-4 (27)	24 x 24	4.00			(S)								
		M6-3	21 x 15	2.19			(S)								
		(RMA-10)													
		M3-2	24 x 12	2.00			(S)								
		M1-4 (40)	24 x 24	4.00			(S)								
		M6-1	21 x 15	2.19			(S)								
		(RMA-11)													
		M3-4	24 x 12	2.00			(S)								
		M1-4 (40)	24 x 24	4.00			(S)								
		M6-3	21 x 15	2.19			(S)								
		D3-2-4	54x18			6.75	(S)								S A St
		R10-11a	24 x 30	5.00			(S)								
		(Four) R10-3a	9x15	3.75											
							(S) = MOUNTED ON TRAFFIC SIGNAL SPAN. WIRE MOUNTING BRACKET ASSEMBLY REQUIRED.								
Subtotals this sheet:				75.08		13.50									

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

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INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	250 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
	THE FOLLOWING SIGNS ARE MOUNTED ON TRAFFIC SIGNAL SPANS																					
	TRAFFIC SIGNAL @ "N. A STREET"																					
"D"	1181+38 RT	R10-11a	24 x 30	5.00									(S)									
		(RMA-33)																				
		M3-4	24x12	2.00									(S)									
		M1-4 (40)	24x24	5.00									(S)									
		M6-1	21x15	2.19									(S)									
		(RMA-28)																				
		M3-3	24x12	2.00									(S)									
		M1-4 (27)	24x24	5.00									(S)									
		M6-3	21x15	2.19									(S)									
		(RMA-23)																				
		M3-3	24x12	2.00									(S)									
		M1-5 (227)	30x24	5.00									(S)									
		M6-3	21x15	2.19									(S)									
		(RMA-9)																				
		M3-2	24 x 12	2.00									(S)									
		M1-4 (40)	24 x 24	4.00									(S)									
		M6-3	21 x 15	2.19									(S)									
		D3-2-6	42x18			5.25							(S)									N A St
		R3-2	24x24	4.00									(S)									
	1181+49 LT	D3-2-7	54x18			6.75							(S)									N 8th St
	1181+62 LT	(RMA-26)																				
		M3-3	24x12	2.00									(S)									
		M1-5 (227)	30x24	5.00									(S)									
		M6-1	21x15	2.19									(S)									
	1181+69 LT	(RMA-34)																				
		M3-3	24x12	2.00									(S)									
		M1-4 (27)	24x24	5.00									(S)									
		M6-1	21x15	2.19									(S)									
	1181+73 LT	(RMA-11)																				
		M3-4	24x12	2.00									(S)									
		M1-4 (40)	24x24	5.00									(S)									
		M6-3	21x15	2.19									(S)									
		(Five) R10-3a	9x15	4.69																		
													(S) = MOUNTED ON TRAFFIC SIGNAL SPAN. WIRE MOUNTING BRACKET ASSEMBLY REQUIRED.									
Subtotals this sheet:				77.02		12.00																

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	251 of 278
CONTRACT	PROJECT
R-30397	0100701

SHEET SIGN & POST SUMMARY

LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (w x h) in x in	MICROPRISMATIC METAL THICKNESS AND SIGN AREA (SFT.) 0.080"	0.100"	0.100" DBL							SIGN POST SQUARE 2.25 in X 2.25 in - 12 Ga. (Type 1) REINFORCED ANCHOR BASE POST LENGTH (FT.) 1	2	TOTAL		OVERHEAD SIGN STR. CANTILEVER REMOVE EACH	SIGN SHEET REMOVE EACH	SIGN SHEET RELOCATE EACH	SIGN, SHEET & SUPPORT REMOVE EACH	SIGN, SHEET ASSEMBLY RELOCATE EACH	COMMENTS
	THE FOLLOWING SIGNS ARE MOUNTED ON TRAFFIC SIGNAL SPANS																					
	TRAFFIC SIGNAL @ "SR 227"																					
"PR-C-3"	1218+38 RT	R3-5R	30x36	7.50									(S)									
	1218+44 RT	R3-5L	30x36	7.50									(S)									
	1218+49 LT	R10-5	30x30	6.25									(S)									
		(RMA-22)																				
	1218+53 LT	M3-1	24 x 12	2.00									(S)									
		M1-5 (121)	30 x 24	5.00									(S)									
		M6-1	21 x 15	2.19									(S)									
		(RMA-23)																				
	1218+53 LT	M3-3	24 x 12	2.00									(S)									
		M1-5 (227)	30 x 24	5.00									(S)									
		M6-3	21 x 15	2.19									(S)									
		(RMA-28)																				
	1218+53 LT	M3-3	24 x 12	2.00									(S)									
		M1-4 (27)	24 x 24	4.00									(S)									
		M6-3	21 x 15	2.19									(S)									
	1218+54 LT	D3-2-9	42x18			5.25							(S)									N J St
		(RMA-24)																				
	1218+74 LT	M1-4 (27)	24 x 24	4.00									(S)									
		M6-4	21 x 15	2.19									(S)									
		(RMA-25)																				
	1218+74 LT	M4-6	24 x 12	2.00									(S)									
		M1-5 (121)	30 x 24	5.00									(S)									
		(RMA-26)																				
	1218+74 LT	M3-3	24 x 12	2.00									(S)									
		M1-5 (227)	30 x 24	5.00									(S)									
		M6-1	21 x 15	2.19									(S)									
	1218+87 LT	R3-5L	30x36	7.50									(S)									
		(RMA-16)																				
	1219+26 LT	M4-5	24 x 12	2.00									(S)									
		M1-1 (70)	24 x 24	4.00									(S)									
		M6-1R	21 x 15	2.19									(S)									
	1219+31 LT	D3-2-8	84x18			10.50							(S)									Chester Blvd
	1218+61 RT	D3-2-8	84x18			10.50							(S)									Chester Blvd
	1218+85 RT	R3-5L	30x36	7.50									(S)									
	1219+10 RT	R3-5R	30x36	7.50									(S)									
	1219+47 LT	R3-5L	30x36	7.50									(S)									
	1219+44 RT	R10-5	30x30	6.25									(S)									
		(RMA-17)																				
	1219+41 RT	M3-1	24 x 12	2.00									(S)									
		M1-5 (227)	30 x 24	5.00									(S)									
		M6-1R	21 x 15	2.19									(S)									
		(RMA-27)																				
	1219+41 RT	M3-1	24 x 12	2.00									(S)									
		M1-5 (121)	30 x 24	5.00									(S)									
		M6-1R	21 x 15	2.19									(S)									
	1219+40 RT	D3-2-9	42x18			5.25							(S)									N J St
		(Seven) R10-3a	9x15	6.56																		
													(S) = MOUNTED ON TRAFFIC SIGNAL SPAN. WIRE MOUNTING BRACKET ASSEMBLY REQUIRED.									
Subtotals this sheet:				139.58		31.50																
Subtotals other sheets:				624.31	7.50	164.00									849.0		4		120	76	39	
Totals:				**763.89**	**7.50**	**195.50**									**849.0**		**4**		**120**	**76**	**39**	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: GAF DRAWN: DAF

CHECKED: CNC CHECKED: GAF

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	**DESIGNATION**
NONE	0100701
SURVEY BOOK	**SHEETS**
	252 of 278
CONTRACT	**PROJECT**
R-30397	0100701

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PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	LT. or RT.	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH "W" Ft	LENGTH "L" Ft	RADII "R" Ft	RADII "R" Ft	DISTANCE BEYOND R/W LINE Ft	PCCP, 9.5 IN. Sys	SUBBASE FOR PCCP Sys	BRICK PAVEMENT, REMOVE & SALVAGE Sys	GRADE (< 10% NOT SHOWN) %	HMA Wedge & Level, Type B Tons	EXCAVATION Cut Cys	EXCAVATION Fill Cys	QC/QA-HMA PAVEMENT FOR ROADS: 165#/Syd QC/QA-HMA, 3, 70, SURFACE (9.5 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS: 330#/Syd QC/QA-HMA 3, 70, INTERMED (19.0 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS: 385#/Syd QC/QA-HMA, 3,64, BASE (19.0 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS: 330#/Syd QC/QA-HMA, 3, 64, BASE (19.0 mm) Sys	HMA PAVEMENT FOR ROADS: HMA for Widening, Type C (1,210 #/syd) Sys	HMA PAVEMENT FOR ROADS: HMA for Structure Replacement, Type C (1,210 #/syd) Sys	HMA PAVEMENT FOR ROADS: Milling, Asphalt, 1 in. Sys	HMA PAVEMENT FOR ROADS: Joint Adhesive Surface Ft	HMA PAVEMENT FOR ROADS: Joint Adhesive Intermediate Ft	HMA PAVEMENT FOR ROADS: Liquid Asphalt Sealant Ft	TACK COAT 0.000252 Ton	CENTER CURB, D. CONCRETE Lft	CURB, CONCRETE Lft	INTEGRAL CURB Sys	CURB AND GUTTER, CONCRETE Lft	CURB AND GUTTER, CONCRETE (2' MOD.) Lft	CURB AND GUTTER, CONCRETE (MOD.) Lft	SUBGRADE TREATMENT, TYPE II Sys	SUBGRADE TREATMENT, TYPE IV Sys	SUBGRADE TREATMENT, TYPE IC Sys	PCCP FOR APPROACHES, 6 IN. Sys	PCCP FOR APPROACHES, 9 IN. Sys	HMA FOR APPROACHES, TYPE B 1320#/syd. Sys	HMA FOR APPROACHES, TYPE B 1210#/syd. Sys	REMARKS
Line"PR-D-1"																																							
1112+08.6 (Rng.)	Lt.	St. Appr.	36.1	47.5	55	25							45									200	200	200	0.2				138			0	0	241				266	South "N" St.
1112+08.6 (Rng.)	Rt.	St. Appr.	36.5	53.8	25	20							43									172	172	172	0.2				127			0	0	239				257	South "N" St.
													0																0			0	0	0					
Line"D"													0																			0	0	0					
													0																			0	0	0					
1117+62.8 (Rng.)	Rt.	St. Appr.	23.1	40.7	20	22							23									129	129	129	0.1				101			0	0	121				135	South "M" St.
1117+64.2 (Rng.)	Lt.	St. Appr.	18.8	61.3	58	35							42									192	192	192	0.2				168			0	0	223				247	South "M" St.
1119+93.6	Rt.	Cl. III	29.9	16.5	10	10							11																			53	0	0		64			
1121+94.0	Rt.	Mod. Cl. III	2.2	12.4	10	0							2																			7	0	0		9			Off of South "L" St
1122+14.0	Lt.	St. Appr.	40.1	41.0	15	15							33									152	152	152	0.1				95			0	0	183				198	South "L" St.
													0																			0	0	0					
1122+16.9	Rt.	St. Appr.	45.8	41.2	20	10							38									163	163	163	0.2				85			0	0	208				224	South "L" St.
1126+72.6	Lt.	Mod. Cl. III	15.1	17.0	10	10							7																			31	0	0		38			Modified by Width
1128+55.3	Lt.	St. Appr.	23.8	67.0	10	18							32									143	143	143	0.1				147			0	0	181				192	South "J" St.
1128+56.2	Rt.	St. Appr.	23.8	45.0	8	8							21									109	109	109	0.1				95			0	0	118				126	South "J" St.
1131+81.1	Rt.	St. Appr.	25.8	50.0	8	8							25									118	118	118	0.1				104			0	0	141				150	South "I" St.
													0																			0	0	0					
1135+06.4	Lt.	St. Appr.	24.9	56.0	10	12							28									128	128	128	0.1				122			0	0	154				164	South "H" St.
1135+07.3	Rt.	St. Appr.	24.7	50.0	8	8							24									116	116	116	0.1				104			0	0	134				143	South "H" St.
1135+76.8	Rt.	Mod. Cl. I	7.1	12.9	10	10							4																			14	0	0	20				Modified by Radius
1140+64.6	Lt.	St. Appr.	20.2	35.0	12	14							15									102	102	102	0.1				82			0	0	80				90	South "G" St.
1140+65.4	Rt.	St. Appr.	20.0	43.0	7	7							17									97	97	97	0.1				90			0	0	92				99	South "G" St.
													0																			0	0	0					
1144+65.2	Lt.	St. Appr.	25.8	40.0	10	15							21									117	117	117	0.1				90			0	0	114				125	South "F" St.
1144+67.1	Rt.	St. Appr.	18.9	40.0	12	10							16									100	100	100	0.1				89			0	0	84				93	South "F" St.
1146+51.0	Lt.	Mod. Cl. I	8.0	16.4	10	10	2.4						4																			18	0	0	24				Modified by Width
1147+74.5	Rt.	Cl. III	15.0	14.0	10	10							6																			26	0	0		33			
1147+76.0	Lt.	Cl. III	18.1	12.9	10	10							6																			28	0	0		36			
													0																			0	0	0					
1151+90.3	Rt.	Mod. Cl. I	9.3	11.7	10	10							4																			16	0	0	22				Modified by Width
1155+33.3	Rt.	Mod. Cl. I	8.1	13.1	10	10							4																			16	0	0	22				Modified by Width
1158+72.9	Lt.	St. Appr.	12.9	40.0	12	12							12									90	90	90	0.1				91			0	0	60				68	South "C" St.
1159+29.9	Rt.	Cl. I	10.7	13.3	10	10							5																			19	0	0	25				
													0																			0	0	0					
1159+95.0	Rt.	St. Appr.	23.6	16.6	8	8							9									80	80	80	0.1				38			0	0	41				49	South "C" St.
1161+76.0	Rt.	Mod. Cl. III	13.8	13.5	10	10							6																			24	0	0		31			Modified by Width
1162+06.0	Lt.	Cl. III	20.0	14.1	10	10							7																			33	0	0		41			
1162+16.7	Rt.	Mod. Cl. III	15.9	19.0	10	10	5.3						8									71	71	71	0.1							37	0	0		34	10		Modified by Width
1162+82.0	Lt.	Mod. Cl. III	14.0	14.1	10	10							6																			25	0	0		32			Modified by Width
													0																			0	0	0					
1163+59.4	Lt.	Mod. Cl. III	14.7	13.1	10	10							6																			24	0	0		31			Modified by Width
1164+43.8	Rt.	Mod. Cl. III	20.7	9.8	5								4																			18	0	0		23			Off of South "B" St
1164+55.6	Rt.	St. Appr.	19.2	45.0	8	8							17									100	100	100	0.1				44			0	0	94				101	South "B" St.
1164+64.7	Lt.	St. Appr.	13.7	35.0	12	27							14									102	102	102	0.1				88			0	0	68				79	South "B" St.
1164+67.2	Rt.	Mod. Cl. III	20.7	9.8		5							4																			18	0	0		23			Off of South "B" St
													0																			0	0	0					
1165+46.5	Lt.	Mod. Cl. III	14.7	14.1	10	10							6																			26	0	0		33			Modified by Width
1166+44.9	Rt.	Mod. Cl. III	17.8	19.1	10	10	7.5						9									75	75	75	0.1							42	0	0		38	12		Modified by Width
1166+64.8	Lt.	Mod. Cl. III	12.8	16.4	10	10	1.8						6																			26	0	0		33			Modified by Width
1166+89.8	Rt.	Mod. Cl. III	12.0	19.1	10	10	5.7						7									64	64	64	0.1							30	0	0		28	9		Modified by Width
1167+47.6	Lt.	Cl. III	25.6	14.5	10	10							9																			41	0	0		51			
													0																			0	0	0					
1168+09.1	Rt.	Mod. Cl. III	8.6	21.0	10	10	7.7						6									59	59	59	0.1							26	0	0		24	8		Modified by Width
1168+19.8	Lt.	Cl. III	28.7	14.6	10	10							10																			46	0	0		56			
1168+73.8	Rt.	Cl. III	29.9	21.0	10	10	7.7						14																			69	0	0		80			
1168+96.5	Lt.	Cl. III	28.2	14.6	10	10							10																			46	0	0		56			
1169+45.2	Lt.	Mod. Cl. III	1.5	7.1	5								1																			3	0	0		4			Off of South "A" St
													0																			0	0	0					
1169+45.3	Rt.	Mod. Cl. III	29.6	9.6	3	5							6																			28	0	0		36			Off of South "A" St
1169+63.1	Rt.	St. Appr.	31.6	58.4	12	20							38									154	154	154	0.2				93			0	0	209				223	South "A" St.
1169+63.2	Lt.	St. Appr.	31.8	40.0	20	10							27									134	134	134	0.1				63			0	0	144				157	South "A" St.
1169+81.2	Lt.	Mod. Cl. III	20.3	8.0	3								4																			16	0	0		21			Off of South "A" St
1170+14.7	Rt.	Mod. Cl. III	18.7	13.0	5	10							6																			27	0	0		34			Modified by Width & Radius
													0																			0	0	0					
1170+35.1	Lt.	Mod. Cl. III	11.6	15.5	10	10	1.5						5																			23	0	0		30			Modified by Width
1171+05.2	Lt.	Mod. Cl. III	11.2	15.3	10	10	1.3						5																			23	0	0		29			Modified by Width
																																0	0	0					
SHEET 1 SUBTOTALS (HMA ALTERNATE)													738									2,967	2,967	2,967	3.0	0			2,054			879		2,929	113	948	39	3,186	

Clark Dietz ENGINEERS

HMA Option

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES PAVEMENT QUANTITIES & APPROACH TABLE

DESIGNED: RBI DRAWN: MP CHECKED: JAL CHECKED: JAL

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	253 of 278
CONTRACT	PROJECT
R-30397	0100701

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PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	LT. or RT.	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH "W"	LENGTH "L"	RADII "R"		DISTANCE BEYOND R/W LINE	PCCP, 9.5 IN.	SUBBASE FOR PCCP	BRICK PAVEMENT, REMOVE & SALVAGE	GRADE (< 10% NOT SHOWN)	HMA Wedge & Level, Type B	EXCAVATION Cut	EXCAVATION Fill	QC/QA-HMA PAVEMENT FOR ROADS: 165#/Syd QC/QA-HMA, 3, 70, SURFACE (9.5 mm)	QC/QA-HMA PAVEMENT FOR ROADS: 330#/Syd QC/QA-HMA, 3, 70, INTERMED (19.0 mm)	QC/QA-HMA PAVEMENT FOR ROADS: 385#/Syd QC/QA-HMA, 3,64, BASE (19.0 mm)	QC/QA-HMA PAVEMENT FOR ROADS: 330#/Syd QC/QA-HMA, 3, 64, BASE (19.0 mm)	HMA PAVEMENT FOR ROADS: HMA for Widening, Type C (1:210 #/syd)	HMA PAVEMENT FOR ROADS: HMA for Structure Installation, Type C (1:210 #/syd)	HMA PAVEMENT FOR ROADS: Milling, Asphalt, 1 in.	HMA PAVEMENT FOR ROADS: Joint Adhesive Surface	HMA PAVEMENT FOR ROADS: Joint Adhesive Intermediate	HMA PAVEMENT FOR ROADS: Liquid Asphalt Sealant	TACK COAT 0.000252	CENTER CURB, D. CONCRETE	CURB, CONCRETE	INTEGRAL CURB	CURB AND GUTTER, CONCRETE	CURB AND GUTTER, CONCRETE (2' MOD.)	CURB AND GUTTER, CONCRETE (MOD.)	SUBGRADE TREATMENT, TYPE II	SUBGRADE TREATMENT, TYPE IV	SUBGRADE TREATMENT, TYPE IC	PCCP FOR APPROACHES, 6 IN.	PCCP FOR APPROACHES, 9 IN.	HMA FOR APPROACHES, TYPE B 1320#/syd.	HMA FOR APPROACHES, TYPE B 1210#/syd.	REMARKS
			Ft	Ft	Ft	Ft	Ft	Sys	Sys	Sys	%	Tons	Cys	Cys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Ft	Ft	Ft	Ton	Lft	Lft	Sys	Lft	Lft	Lft	Sys	Sys	Sys	Sys	Sys	Sys	Sys	
Line"D" cont'd.																																							
1171+32.3	Rt.	Cl. III	24.4	12.9	10	10							8																			37	0	0		46			
1171+75.0	Lt.	Mod. Cl. III	13.4	15.1	10	10	1.1						6																			27	0	0		34			Modified by Width
1172+28.9	Lt.	Mod. Cl. III	14.4	13.5	10	4.4							5																			22	0	0		28			Modified by Width
1172+52.2	Lt.	Mod. Cl. III	14.6	25.0	2	22	11.0						10									79	79	79	0.1							48	0	0		37	19		Modified by Width
1172+72.4	Rt.	Mod. Cl. III	14.4	13.6	10	10							6																			26	0	0		33			Modified by Width
													0																			0	0	0					
1173+55.2	Lt.	Mod. Cl. III	8.6	17.1	5	15	3.1						5																			23	0	0		29			Modified by Radius & Width
1173+93.6	Rt.	Mod. Cl. III	15.8	13.6	1	1							6																			28	0	0		31			Modified by Radius & Width
1173+94.2	Lt.	Mod. Cl. III	16.7	12.6	10	5							6																			25	0	0		32			
1176+09.9	Lt.	St. Appr.	22.0	30.9	15	15							7									105	105	105	0.1				77			0	0	26				41	E Main St.
1176+10.3	Rt.	St. Appr.	22.2	45.0	15	15							13									120	120	120	0.1				103			0	0	76				76	E Main St.
													0																			0	0	0					
1177+41.5	Lt.	Mod. Cl. III	8.0	13.4	10	9.3							4																			15	0	0		21			Modified by Radius & Width
1177+73.5	Lt.	Mod. Cl. III	19.2	21.0	9.3	10	6.8						10									79	79	79	0.1							48	0	0		41	15		Modified by Radius & Width
1178+11.0	Rt.	St. Appr.	15.0	13.9	3	3							4																31			15	0	0		21			Sailor St.
1178+11.1	Lt.	St. Appr.	19.2	16.0	9.5	9.5							6																35			27	0	0		35			Sailor St.
1178+60.9	Lt.	Cl. III	23.1	21.0	10	10	6.8						11									88	88	88	0.1							57	0	0		48	18		
													0																			0	0	0					
1178+66.3	Rt.	Mod. Cl. III	13.7	13.1	3	10							5																			21	0	0		26			
1179+04.6	Lt.	Mod. Cl. III	15.5	21.0	10	10	6.8						8									72	72	72	0.1							41	0	0		36	12		
1179+52.7	Lt.	Mod. Cl. III	15.6	21.0	10	10	6.8						8									73	73	73	0.1							41	0	0		36	12		Modified by Width
1180+89.0	Rt.	Mod. Cl.III	32.1	21.0	10	2.3	7.3						14									98	98	98	0.1							73	0	0		56	26		Modified by Radius
1181+19.3	Rt.	Mod. Cl.III	19.3	21.0	2.3	5	7.3						9									67	67	67	0.1							44	0	0		33	16		Modified by Radius & Width
1181+49.2	Rt.	Mod. Cl.III	19.4	17.0	2								7																			35	0	0		39			Off of North "A" St
1181+72.7	Lt.	St. Appr.	44.0	54.9	6	25							49									174	174	174	0.2				122			0	0	280				289	North "A" St.
1181+73.2	Rt.	St. Appr.	44.1	40.0	15	8							35									152	152	152	0.2				66			0	0	199				205	North "A" St.
1183+47.7	Lt.	Mod. Cl.III	45.6	11.8	10	10	0.8						12																			57	0	0		71			Modified by Radius & Width
1183+63.4	Rt.	Mod. Cl.III	15.7	17.3	10	20							9																			39	0	0		49			
1184+52.1	Rt.	Cl. III	28.9	21.5	10	10							14																			72	0	0		82			
1185+38.6	Lt.	St. Appr.	17.3	30.0	13	8							11									86	86	86	0.1				67			0	0	60				66	North "B" St.
1185+38.8	Rt.	St. Appr.	19.0	68.0	15	10							26									131	131	131	0.1				147			0	0	149				155	North "B" St.
1185+85.0	Rt.	Mod. Cl.III	22.0	22.0	10	5							0																			0	0	0					
1186+25.0	Rt.	Mod. Cl.III	22.0	22.0	10	5							0																			0	0	0					
1186+61.8	Lt.	Mod. Cl.I	10.0	22.1	10		11.1						6																			27	0	0	31				Modified by Radius
1186+70.8	Lt.	Mod. Cl.I	7.8	22.1		20	11.1						6																			29	0	0	35				Modified by Radius & Width
1186+80.8	Rt.	Mod. Cl.III	22.0	22.0	10	5							16																			88	0	0		96			
Line"PR-D-2"													0																			0	0	0					
1187+32.5	Lt.	Cl.III	23.7	13.6	10	10	2.6						8									81	81	81	0.1							38	0	0		40	7		
1190+30.5 (Rng.)	Lt.	Mod. Cl.III	17.0	35.2	10	10							14																			76	0	0		84			
													0																			0	0	0					
Line"PR-C-3"													0																			0	0	0					
1207+77.1 (Rng.)	Lt.	St. Appr.	20.1	51.6	15	25							23									132	132	132	0.1				121			0	0	133				138	North "G" St.
1209+49.7 (Rng.)	Lt.	Mod. Cl. III	13.9	26.0	10	10							7																59			30	0	0		37			Modified by Radius & Width
1210+77.7 (Rng.)	Lt.	Mod. Cl. III	19.2	21.1	10	20							11																			56	0	0		66			Modified by Width
1211+41.6 (Rng.)	Lt.	St. Appr.	30.1	25.9	10	14.5							16									111	111	111	0.1				51			0	0	90				95	North "H" St.
1211+49.6	Lt.	Mod. Cl. III	3.1	9.1	5								1																			4	0	0		5			
													0																			0	0	0					
1211+90.3	Lt.	Mod. Cl. III	29.8	22.1	10	12	6.0						16																			84	0	0		95			Modified by Radius
1212+45.0	Lt.	Mod. Cl. III	29.7	22.2	12	20	10.1						18																			92	0	0		105			Modified by Radius
1213+02.8	Lt.	Mod. Cl. III	9.8	21.8	10	5							6																			30	0	0		35			Modified by Radius & Width
1213+21.2	Rt.	Cl. III	24.3	22.7	20	10	10.1						19									102	102	102	0.1							98	0	0		82	28		
1213+33.2	Lt.	Mod. Cl. III	30.0	22.1	5	20	10.0						18									108	108	108	0.1							92	0	0		95	9		Modified by Radius
													0																			0	0	0					
1213+78.1	Rt.	Cl. III	21.7	22.0	20	10	10.0						17									96	96	96	0.1							88	0	0		74	25		
1214+12.0	Lt.	Mod. Cl. III	29.9	12.5	10	10							10																			44	0	0		55			Modified by Radius
													0																			0	0	0					
1214+51.6	Rt.	Mod. Cl. III	26.1	12.8		5							7																			34	0	0		40			Off of North "I" St.
1214+65.0	Lt.	St. Appr.	24.2	26.2	18	15							15									108	108	108	0.1				63			0	0	89				89	North "I" St.
													0																			0	0	0					
1214+65.2	Rt.	St. Appr.	24.5	71.0	22	15							36									157	157	157	0.2				92			0	0	199				213	North "I" St.
													0																			0	0	0					
1214+79.6	Rt.	Mod. Cl. III	28.8	12.4	5	5							8																			37	0	0		45			Off of North "I" St.
1215+17.0	Lt.	Mod. Cl. III	29.4	19.7	8	20							14																			68	0	0		80			Modified by Radius
1215+17.2	Rt.	Mod. Cl.III	28.8	15.5	5	10							9																			43	0	0		52			Modified by Radius
													0																			0	0	0					
1216+06.6	Lt.	Mod. Cl.III	29.0	15.9	7.7	10							11																			54	0	0		64			Modified by Radius
1216+18.1	Rt.	Mod. Cl.III	14.6	12.0	10	5							5																			22	0	0		28			Modified by Width & Radius
SHEET 2 SUBTOTALS (HMA ALTERNATE)													631									2,219	2,219	2,219	2.4				1,034			1,955		1,301	66	2,042	187	1,367	

Clark Dietz ENGINEERS

HMA Option

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES PAVEMENT QUANTITIES & APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	254 of 278
CONTRACT	PROJECT
R-30397	0100701

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PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	LT. or RT.	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH "W" Ft	LENGTH "L" Ft	RADII "R" Ft	RADII "R" Ft	DISTANCE BEYOND R/W LINE Ft	PCCP, 9.5 IN. Sys	SUBBASE FOR PCCP Sys	BRICK PAVEMENT, REMOVE & SALVAGE Sys	GRADE (< 10% NOT SHOWN) %	HMA Wedge & Level, Type B Tons	EXCAVATION Cut Cys	EXCAVATION Fill Cys	QC/QA-HMA PAVEMENT FOR ROADS 165#/Syd QC/QA-HMA, 3, 70, SURFACE (9.5 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS 332#/Syd QC/QA-HMA, 3, 70, INTERMED (19.0 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS 388#/Syd QC/QA-HMA, 3,64, BASE (19.0 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS 330#/Syd QC/QA-HMA, 3, 64, BASE (19.0 mm) Sys	HMA PAVEMENT FOR ROADS HMA for Widening, Type C (1,210 #/syd) Sys	HMA PAVEMENT FOR ROADS HMA for Structure Replacement, Type C (1,210 #/syd) Sys	HMA PAVEMENT FOR ROADS Milling, Asphalt, 1 in. Sys	HMA PAVEMENT FOR ROADS Joint Adhesive Surface Ft	HMA PAVEMENT FOR ROADS Joint Adhesive Intermediate Ft	HMA PAVEMENT FOR ROADS Liquid Asphalt Sealant Ft	TACK COAT 0.000252 Ton	CENTER CURB, D, CONCRETE Lft	CURB, CONCRETE Lft	INTEGRAL CURB Sys	CURB & GUTTER, CONCRETE Lft	CURB AND GUTTER, CONCRETE (2' MOD.) Lft	CURB & GUTTER, CONCRETE (MOD.) Lft	SUBGRADE TREATMENT, TYPE II Sys	SUBGRADE TREATMENT, TYPE IV Sys	SUBGRADE TREATMENT, TYPE IC Sys	PCCP FOR APPROACHES, 6 IN. Sys	PCCP FOR APPROACHES, 9 IN. Sys	HMA FOR APPROACHES, TYPE B 1320#syd. Sys	HMA FOR APPROACHES, TYPE B 1210#syd. Sys	REMARKS
Line"PR-C-3" cont'd.																																								
1216+42.6	Lt.	Mod. Cl.III	10.0	22.7	8.3	20							9																			42	0	0		50			
1216+69.5	Rt.	Cl.III	33.0	27.2	20	10	5.5						20									124	124	124	0.1							102	0	0		65	51		
1220+36.0	Rt.	Cl.III	31.9	11.7	20	10	1.5						10																			42	0	0		55			Modified by Width & Radius
1220+49.4	Lt.	Cl.III	30.2	20.5	10	20	6.1						15									111	111	111	0.1							74	0	0		66	21		
1221+12.0	Lt.	Cl.III	31.6	12.2	10	20							10																			44	0	0		57			
1221+51.1	Rt.	Cl.III	12.7	X	20	10							10																			49	0	0		58			
1222+07.5	Lt.	Mod. Cl.III	29.0	13.1	10	4.5							9																			41	0	0		50			
1222+46.0	Lt.	Mod. Cl.III	32.7	12.0	4.5	20							10																			46	0	0		58			
1223+45.0	Lt.	Mod. Cl.III	21.2	12.6	4.5	5							6																			27	0	0		33			Modified by Radius
1223+55.7	Rt.	Mod. Cl.III	8.5	9.6	5								2																			7	0	0		10			Modified by Width & Radius
													0																			0	0	0					
Line"C"													0																			0	0	0					
1168+68.9	Rt.	Cl. III	27.7	19.4	20	10	4.4						14									105	105	105	0.1							68	0	0		63	17		
1169+63.2	Rt.	ModCl. III	26.6	10.5	5		1.0						6																			26	0	0		33			Off of South "A" St.
1169+80.9	Lt.	St. Appr.	33.5	50.0	6	10							31									133	133	133	0.1				104			0	0	174				182	South "A" St.
1169+81.0	Rt.	St. Appr.	35.6	64.8	20	14							41									170	170	170	0.2				114			0	0	236				245	South "A" St.
1169+98.8	Rt.	Mod. Cl. III	15.0	9.4									4																			16	0	0		19			Off of South "A" St.
1170+43.8	Lt.	Mod. Cl. III	11.7	21.4	10	10	5.5						7									65	65	65	0.1							33	0	0		33	7		Modified by Width
1186+77	Lt.	Mod. Cl. III	19.0	16.1	15	15							0																			0	0	0					
													0																			0	0	0					
Line"NH10"													0																			0	0	0					
71+50.4	Rt.	St. Appr.	24.3	30	17	17							17									113	113	113	0.1				69			0	0	92				99	North "H" St.
71+94.2	Rt.	Mod. Cl.III	29.0	16.0	5	10	2.6						11																			52	0	0		61			Modified by Radius
74+65.6	Rt.	Mod. Cl.III	18.3	22.1	20	10							11																			55	0	0		65			Modified by Width
70+85.37	to	74+92.41											160									407	407	407	0.5				252			0	0	935				960	North 10th St.
													0																			0	0	0					
Line"PR-S-121"													0																			0	0	0					
51+17.0	Lt.	Cl.III	30.0	22.1	10	20	12.8						16									113	113	113	0.1							81	81	0		48	46		
52+21.8	Lt.	Cl.III	35.1	9.2	10	20							8																			33	33	0		47			
52+32.5	Rt.	Mod. Cl.III	9.0	22.0	10	10							6																			27	27	0		33			Modified by Width & Radius
54+49.0	Rt.	St. Appr.	17.8	22.5	10	10							9									79	79	79	0.1				53			52	55	0			52		North "11th" St.
55+46.2	Lt.	St. Appr.	18.0	21.5	10	10							9									78	78	78	0.1				49			50	53	0			50		North "11th" St.
49+25.00	to	49+68.00	43.0	44.0	35	35																200	200	200	0.2							0	0	0				261	S.R. 121
50+36.70	to	55+80.00													2,796	2,796	1,828	1,828	60	58	968	1,630	820	1,630	2.4				725			0	2340	0					S.R. 121
																																0	0	0					
SB U.S. 27																																0	0	0					
1107+84.86	to	1109+00.00	**Line "PR-D-1"**												335	335	335	335				115	115	115	0.4				231		115	0	0	464					
1109+00.00	to	1113+55.44	**Line "PR-D-1"**												1,582	1,582	1,582	1,582				455	455	455	1.6				700		367	0	0	2022					
1113+55.44	to	1148+20.00	**Line "D"**												14,703	14,703	14,703	14,703		6		9,579	9,579	9,579	14.9				5,936		135	0	0	17598					
1150+90.00	to	1186+87.66	**Line "D"**							101					15,191	15,191	15,191	15,191				10,793	10,793	10,793	15.4				4,841	35		0	0	17874					
50+00.00	to	50+97.21	**Line "NC-D"**												392	392	392	392							0.4				282			0	0	392					North 8th St.
50+97.21	to	52+37.00	**Line "NC-D"**																													0	0	0					North 8th St.
40+60.00	to	44+39.27	**Line "NC"**																			190	190	190					511		145	0	0	46				904	North C St.
1186+87.9	to	1193+45.8	**Line "PR-D-2"**												1,400	1,400	1,400	1,400				1,546	1,546	1,546	1.5				963			0	0	1860					
																																0	0	0					
U.S. 27																																0	0	0					
1202+44.5	to	1204+00.0	**Line "PR-C-3"**												843	843	843	843				311	311	311	0.9	156			311			0	0	1017					
1204+00.0	to	1216+00.0	**Line "PR-C-3"**												6,078	6,078	5,637	5,637	18	196	441	2,504	2,192	2,504	6.1	780			1,160			0	0	6798					
1216+00.0	to	1221+80.0	**Line "PR-C-3"**									138			3,255	3,255	328	328	167	797	2,927	1,740	0	1,740	2.3				887			0	1744	0					Wedge & Level, Type C = 138 Tons
1221+80.0	to	1223+59.9	**Line "PR-C-3"**												922	922	0	0	70	502	922	720	0	720	0.8				168			0	621	0					
																																0	0	0					
NB U.S. 27																																0	0	0					
1167+80.00	to	1168+00.00	**Line "C"**												67	67	67	67				60	60	60	0.1				40			0	0	85					
1168+00.00	to	1171+60.00	**Line "C"**												1,419	1,419	1,419	1,419				1,080	1,080	1,080	1.5				507			0	0	1692					
1171+60.00	to	1172+02.60	**Line "C"**												176	176	176	176				128	128	128	0.2				80			0	0	213					
1186+50.00	to	1187+00.00	**Line "C"**												192	192	192	192				150	150	150	0.2				52			0	0	226					
1187+00.00	to	1187+68.09	**Line "C"**												250	250	250	250				204	204	204	0.3				135			0	0	311					
1187+67.96	to	1192+37.70	**Line "PR-C-3"**												1,647	1,647	1,647	1,647				939	939	939	1.7		75		821			0	0	2055				67	
																																0	0	0					
SHEET 1 SUBTOTALS (HMA ALTERNATE)										0		0	738	0	0	0	0	0	0	0	0	2,967	2,967	2,967	3.0	0	0	0	2,054	0	0	879	0	2,929	113	948	39	3,186	
SHEET 2 SUBTOTALS (HMA ALTERNATE)										0		0	631	0	0	0	0	0	0	0	0	2,219	2,219	2,219	2.4	0	0	0	1,034	0	0	1,955	0	1,301	66	2,042	187	1,367	
SHEET 3 SUBTOTALS (HMA ALTERNATE)										101		138	451	0	51,248	51,248	45,990	45,990	315	1,559	5,258	33,842	30,260	33,842	52.5	936	75	0	18,992	35	762	967	4,955	54,090	0	904	244	2,718	
										MOT (Undistributed)		50																											
TOTALS (HMA ALTERNATE)										101		188	1,820	0	51,248	51,248	45,990	45,990	315	1,559	5,258	39,028	35,446	39,028	58	936	75	0	22,080	35	762	3,801	4,955	58,320	179	3,894	470	7,271	
															4,228	8,456	8,854	7,589	191	944												760	991	11,664			310	4,399	
												Tons			Tons	Tons	Tons	Tons	Tons	Tons							+20%					4,561	5,946	69,984			Tons	Tons	

Clark Dietz ENGINEERS

HMA Option

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP

CHECKED: JAL CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES PAVEMENT QUANTITIES & APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	255 of 278
CONTRACT	PROJECT
R-30397	0100701

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PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	LT. or RT.	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH "W" Ft	LENGTH "L" Ft	RADII "R" Ft	RADII Ft	DISTANCE BEYOND R/W LINE Ft	PCCP, 9.5 IN. Sys	SUBBASE FOR PCCP Sys	BRICK PAVEMENT, REMOVE & SALVAGE Sys	GRADE (< 10% NOT SHOWN) %	HMA Wedge & Level, Type B Tons	EXCAVATION Cut Cys	EXCAVATION Fill Cys	QC/QA-HMA PAVEMENT FOR ROADS: 165#/Syd QC/QA-HMA, 3, 70, SURFACE (9.5 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS: 330#/Syd QC/QA-HMA, 3, 70, INTERMED (19.0 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS: 385#/Syd QC/QA-HMA, 3,64, BASE (19.0 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS: 330#/Syd QC/QA-HMA, 3,64, BASE (19.0 mm) Sys	HMA PAVEMENT FOR ROADS: HMA for Widening Type C (1,210 #/syd) Sys	HMA PAVEMENT FOR ROADS: HMA for Structure Widening Type C (1,210 #/syd) Sys	HMA PAVEMENT FOR ROADS: Milling, Asphalt, 1 in. Sys	HMA PAVEMENT FOR ROADS: Joint Adhesive Surface Ft	HMA PAVEMENT FOR ROADS: Joint Adhesive Intermediate Ft	HMA PAVEMENT FOR ROADS: Liquid Asphalt Sealant Ft	TACK COAT 0.000252 Ton	CENTER CURB, D. CONCRETE Lft	CURB, CONCRETE Lft	INTEGRAL CURB Sys	CURB AND GUTTER, CONCRETE Lft	CURB AND GUTTER, CONCRETE (2' MOD.) Lft	CURB AND GUTTER, CONCRETE (MOD.) Lft	SUBGRADE TREATMENT, TYPE II Sys	SUBGRADE TREATMENT, TYPE IV Sys	SUBGRADE TREATMENT, TYPE IC Sys	PCCP FOR APPROACHES, 6 IN. Sys	PCCP FOR APPROACHES, 9 IN. Sys	HMA FOR APPROACHES, TYPE B 1320#syd. Sys	HMA FOR APPROACHES, TYPE B 1210#syd. Sys	REMARKS
Line"PR-D-1"																																								
1112+08.6 (Rng.)	Lt.	St. Appr.	36.1	45.5	55	25							41									46	46	46	0.2				138			0		241				241	South "N" St.
1112+08.6 (Rng.)	Rt.	St. Appr.	36.5	51.8	25	20							40									52	52	52	0.2				127			0		239				239	South "N" St.
																													0			0		0	0	0			
Line"D"																													0			0		0	0	0			
																													0			0		0	0	0			
1117+62.8 (Rng.)	Rt.	St. Appr.	23.1	38.7	20	22							21									39	39	39	0.1				101			0		121				121	South "M" St.
1117+64.2 (Rng.)	Lt.	St. Appr.	18.8	59.3	58	35							38									60	60	60	0.2				168			0		223				223	South "M" St.
1119+93.6	Rt.	Cl. III	29.9	14.5	10	10							9																0			53		0		53			
1121+94.0	Rt.	Mod. Cl. III	2.2	10.4	10	0							2																0			7		0		7			Off of South "L" St
1122+14.0	Lt.	St. Appr.	40.1	39.0	15	15							31									39	39	39	0.1				95			0		183				183	South "L" St.
																													0			0		0	0	0			
1122+16.9	Rt.	St. Appr.	45.8	39.2	20	10							35									40	40	40	0.2				85			0		208				208	South "L" St.
1126+72.6	Lt.	Mod. Cl. III	15.1	15.0	10	10							6																0			31		0		31			Modified by Width
1128+55.3	Lt.	St. Appr.	23.8	65.0	10	18							31									65	65	65	0.1				147			0		181				181	South "J" St.
1128+56.2	Rt.	St. Appr.	23.8	43.0	8	8							20									43	43	43	0.1				95			0		118				118	South "J" St.
1131+81.1	Rt.	St. Appr.	25.8	48.0	8	8							24									48	48	48	0.1				104			0		141				141	South "I" St.
																													0			0		0	0	0			
1135+06.4	Lt.	St. Appr.	24.9	54.0	10	12							26									54	54	54	0.1				122			0		154				154	South "H" St.
1135+07.3	Rt.	St. Appr.	24.7	48.0	8	8							23									48	48	48	0.1				104			0		134				134	South "H" St.
1135+76.8	Rt.	Mod. Cl. I	7.1	10.9	10	10							3																0			14		0	14				Modified by Radius
1140+64.6	Lt.	St. Appr.	20.2	33.0	12	14							14									33	33	33	0.1				82			0		80				80	South "G" St.
1140+65.4	Rt.	St. Appr.	20.0	41.0	7	7							16									41	41	41	0.1				90			0		92				92	South "G" St.
																													0			0		0	0	0			
1144+65.2	Lt.	St. Appr.	25.8	38.0	10	15							19									38	38	38	0.1				90			0		114				114	South "F" St.
1144+67.1	Rt.	St. Appr.	18.9	38.0	12	10							14									38	38	38	0.1				89			0		84				84	South "F" St.
1146+51.0	Lt.	Mod. Cl. I	8.0	14.4	10	10	2.4						3																0			18		0	18				Modified by Width
1147+74.5	Rt.	Cl. III	15.0	12.0	10	10							5																0			26		0		26			
1147+76.0	Lt.	Cl. III	18.1	10.9	10	10							5																0			28		0		28			
																													0			0		0	0	0			
1151+90.3	Rt.	Mod. Cl. I	9.3	9.7	10	10							3																0			16		0	16				Modified by Width
1155+33.3	Rt.	Mod. Cl. I	8.1	11.1	10	10							3																0			16		0	16				Modified by Width
1158+72.9	Lt.	St. Appr.	12.9	38.0	12	12							10									38	38	38	0.1				91			0		60				60	South "C" St.
1159+29.9	Rt.	Cl. I	10.7	11.3	10	10							4																0			19		0	19				
																													0			0		0	0	0			
1159+95.0	Rt.	St. Appr.	23.6	14.6	8	8							7									15	15	15	0.1				38			0		41				41	South "C" St.
1161+76.0	Rt.	Mod. Cl. III	13.8	11.5	10	10							4																0			24		0		24			Modified by Width
1162+06.0	Lt.	Cl. III	20.0	12.1	10	10							6																0			33		0		33			
1162+16.7	Rt.	Mod. Cl. III	15.9	17.0	10	10	5.3						7									17	17	17	0.1				0			37		0		27	10		Modified by Width
1162+82.0	Lt.	Mod. Cl. III	14.0	12.1	10	10							5																0			25		0		25			Modified by Width
																													0			0		0	0	0			
1163+59.4	Lt.	Mod. Cl. III	14.7	11.1	10	10							4																0			24		0		24			Modified by Width
1164+43.8	Rt.	Mod. Cl. III	20.7	7.8	5								3																0			18		0		18			Off of South "B" St
1164+55.6	Rt.	St. Appr.	19.2	43.0	8	8							16									43	43	43	0.1				44			0		94				94	South "B" St.
1164+64.7	Lt.	St. Appr.	13.7	33.0	12	27							12									33	33	33	0.1				88			0		68				68	South "B" St.
1164+67.2	Rt.	Mod. Cl. III	20.7	7.8		5							3																0			18		0		18			Off of South "B" St
																													0			0		0	0	0			
1165+46.5	Lt.	Mod. Cl. III	14.7	12.1	10	10							5																0			26		0		26			Modified by Width
1166+44.9	Rt.	Mod. Cl. III	17.8	17.1	10	10	7.5						7									18	18	18	0.1				0			42		0		30	12		Modified by Width
1166+64.8	Lt.	Mod. Cl. III	12.8	14.4	10	10	1.8						5																0			26		0		26			Modified by Width
1166+89.8	Rt.	Mod. Cl. III	12.0	17.1	10	10	5.7						5									18	18	18	0.1				0			30		0		21	9		Modified by Width
1167+47.6	Lt.	Cl. III	25.6	12.5	10	10							7																0			41		0		41			
																													0			0		0	0	0			
1168+09.1	Rt.	Mod. Cl. III	8.6	19.0	10	10	7.7						5									19	19	19	0.1				0			26		0		18	8		Modified by Width
1168+19.8	Lt.	Cl. III	28.7	12.6	10	10							8																0			46		0		46			
1168+73.8	Rt.	Cl. III	29.9	19.0	10	10	7.7						12																0			69		0		69			
1168+96.5	Lt.	Cl. III	28.2	12.6	10	10							8																0			46		0		46			
1169+45.2	Lt.	Mod. Cl. III	1.5	5.1	5								1																0			3		0		3			Off of South "A" St
																													0			0		0	0	0			
1169+45.3	Rt.	Mod. Cl. III	29.6	7.6	3	5							5																0			28		0		28			Off of South "A" St
1169+63.1	Rt.	St. Appr.	31.6	56.4	12	20							35									57	57	57	0.2				93			0		209				209	South "A" St.
1169+63.2	Lt.	St. Appr.	31.8	38.0	20	10							24									38	38	38	0.1				63			0		144				144	South "A" St.
1169+81.2	Lt.	Mod. Cl. III	20.3	6.0	3								3																0			16		0		16			Off of South "A" St
1170+14.7	Rt.	Mod. Cl. III	18.7	11.0	5	10							5																0			27		0		27			Modified by Width & Radius
																													0			0		0	0	0			
1170+35.1	Lt.	Mod. Cl. III	11.6	13.5	10	10	1.5						4																0			23		0		23			Modified by Width
1171+05.2	Lt.	Mod. Cl. III	11.2	13.3	10	10	1.3						4																0			23		0		23			Modified by Width
																																0							
SHEET 1 SUBTOTALS (PCCP ALTERNATE)													656									980	980	980	3.0	0			2,054			879		2,929	83	757	39	2,929	

Clark Dietz ENGINEERS

PCCP Option

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP

CHECKED: JAL CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES PAVEMENT QUANTITIES & APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	256 of 278
CONTRACT	PROJECT
R-30397	0100701

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PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	LT. or RT.	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH "W" Ft	LENGTH "L" Ft	RADII "R" Ft	RADII "R" Ft	DISTANCE BEYOND R/W LINE Ft	PCCP, 9.5 IN. Sys	SUBBASE FOR PCCP Sys	BRICK PAVEMENT, REMOVE & SALVAGE Sys	GRADE (< 10% NOT SHOWN) %	HMA Wedge & Level, Type B Tons	EXCAVATION Cut Cys	EXCAVATION Fill Cys	QC/QA-HMA PAVEMENT FOR ROADS: 165#/Syd QC/QA-HMA, 3, 70, SURFACE (9.5 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS: 330#/Syd QC/QA-HMA 3, 70, INTERMED (19.0 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS: 385#/Syd QC/QA-HMA, 3,64, BASE (19.0 mm) Sys	QC/QA-HMA PAVEMENT FOR ROADS: 330#/Syd QC/QA-HMA, 3, 64, BASE (19.0 mm) Sys	HMA PAVEMENT FOR ROADS: HMA for Widening Type C (1,210 #/syd) Sys	HMA PAVEMENT FOR ROADS: HMA for Structure Installation, Type C (1,210 #/syd) Sys	HMA PAVEMENT FOR ROADS: Milling, Asphalt, 1 in. Sys	HMA PAVEMENT FOR ROADS: Joint Adhesive Surface Ft	HMA PAVEMENT FOR ROADS: Joint Adhesive Intermediate Ft	HMA PAVEMENT FOR ROADS: Liquid Asphalt Sealant Ft	TACK COAT 0.000252 Ton	CENTER CURB, D. CONCRETE Lft	CURB, CONCRETE Lft	INTEGRAL CURB Sys	CURB AND GUTTER, CONCRETE Lft	CURB AND GUTTER, CONCRETE (2' MOD.) Lft	CURB AND GUTTER, CONCRETE (MOD.) Lft	SUBGRADE TREATMENT, TYPE II Sys	SUBGRADE TREATMENT, TYPE IV Sys	SUBGRADE TREATMENT, TYPE IC Sys	PCCP FOR APPROACHES, 6 IN. Sys	PCCP FOR APPROACHES, 9 IN. Sys	HMA FOR APPROACHES, TYPE B 1320#/syd. Sys	HMA FOR APPROACHES, TYPE B 1210#/syd. Sys	REMARKS
Line"D" cont'd.																																								
1171+32.3	Rt.	Cl. III	24.4	10.9	10	10							7																0			37		0		37			
1171+75.0	Lt.	Mod. Cl. III	13.4	13.1	10	10	1.1						5																0			27		0		27			Modified by Width
1172+28.9	Lt.	Mod. Cl. III	14.4	11.5	10	4.4							4																0			22		0		22			Modified by Width
1172+52.2	Lt.	Mod. Cl. III	14.6	23.0	2	22	11.0						8									23	23	23	0.1				0			48		0		29	19		Modified by Width
1172+72.4	Rt.	Mod. Cl. III	14.4	11.6	10	10							5																0			26		0		26			Modified by Width
																													0			0		0		0			
1173+55.2	Lt.	Mod. Cl. III	8.6	15.1	5	15	3.1						4																0			23		0		23			Modified by Radius & Width
1173+93.6	Rt.	Mod. Cl. III	15.8	11.6	1	1							5																0			28		0		28			Modified by Radius & Width
1173+94.2	Lt.	Mod. Cl. III	16.7	10.6	10	5							5																0			25		0		25			
1176+09.9	Lt.	St. Appr.	22.0	28.9	15	15							5									29	29	29	0.1				77			0		26				26	E Main St.
1176+10.3	Rt.	St. Appr.	22.2	43.0	15	15							13									43	43	43	0.1				103			0		76				76	E Main St.
																													0			0		0		0			
1177+41.5	Lt.	Mod. Cl. III	8.0	11.4	10	9.3							3																0			15		0		15			Modified by Radius & Width
1177+73.5	Lt.	Mod. Cl. III	19.2	19.0	9.3	10	6.8						8									19	19	19	0.1				0			48		0		33	15		Modified by Radius & Width
1178+11.0	Rt.	St. Appr.	15.0	11.9	8	5							3																31			15		0		15			Sailor St.
1178+11.1	Lt.	St. Appr.	19.2	14.0	9.5	9.5							5																35			27		0		27			Sailor St.
1178+60.9	Lt.	Cl. III	23.1	19.0	10	10	6.8						10									19	19	19	0.1				0			57		0		39	18		
																													0			0		0		0			
1178+66.3	Rt.	Mod. Cl. III	13.7	11.1	3	10							4																0			21		0		21			
1179+04.6	Lt.	Mod. Cl. III	15.5	19.0	10	10	6.8						7									19	19	19	0.1				0			41		0		29	12		
1179+52.7	Lt.	Mod. Cl. III	15.6	19.0	10	10	6.8						7									19	19	19	0.1				0			41		0		29	12		Modified by Width
1180+89.0	Rt.	Mod. Cl.III	32.1	19.0	10	2.3	7.3						13									19	19	19	0.1				0			73		0		47	26		Modified by Radius
1181+19.3	Rt.	Mod. Cl.III	19.3	19.0	2.3	5	7.3						8									19	19	19	0.1				0			44		0		28	16		Modified by Radius & Width
1181+49.2	Rt.	Mod. Cl.III	19.4	15.0	2								6																0			35		0		35			Off of North "A" St
1181+72.7	Lt.	St. Appr.	44.0	52.9	6	25							47									53	53	53	0.2				122			0		280				280	North "A" St.
1181+73.2	Rt.	St. Appr.	44.1	38.0	15	8							34									38	38	38	0.2				66			0		199				199	North "A" St.
1183+47.7	Lt.	Mod. Cl.III	45.6	9.8	10	10	0.8						10																0			57		0		57			Modified by Radius & Width
1183+63.4	Rt.	Mod. Cl.III	15.7	15.3	10	20							7																0			39		0		39			
1184+52.1	Rt.	Cl. III	28.9	19.5	10	10							12																0			72		0		72			
1185+38.6	Lt.	St. Appr.	17.3	28.0	13	8							10									28	28	28	0.1				67			0		60				60	North "B" St.
1185+38.8	Rt.	St. Appr.	19.0	66.0	15	10							25									66	66	66	0.1				147			0		149				149	North "B" St.
1185+85.0	Rt.	Mod. Cl.III	22.0	20.0	10	5							0																0			0		0					
1186+25.0	Rt.	Mod. Cl.III	22.0	20.0	10	5							0																0			0		0					
1186+61.8	Lt.	Mod. Cl.I	10.0	20.1	10		11.1						5																0			27		0	27				Modified by Radius
1186+70.8	Lt.	Mod. Cl.I	7.8	20.1		20	11.1						5																0			29		0	29				Modified by Radius & Width
1186+80.8	Rt.	Mod. Cl.III	22.0	20.0	10	5							15																0			88		0		88			
Line"PR-D-2"																													0			0		0		0			
1187+32.5	Lt.	Cl.III	23.7	11.6	10	10	2.6						7									12	12	12	0.1				0			38		0		31	7		
1190+30.5 (Rng.)	Lt.	Mod. Cl.III	17.0	33.2	10	10							13																0			76		0		76			
																													0			0		0		0			
Line"PR-C-3"																													0			0		0		0			
1207+77.1 (Rng.)	Lt.	St. Appr.	20.1	49.6	15	25							23									50	50	50	0.1				121			0		133				133	North "G" St.
1209+49.7 (Rng.)	Lt.	Mod. Cl. III	13.9	24.0	10	10							5																59			30		0		30			Modified by Radius & Width
1210+77.7 (Rng.)	Lt.	Mod. Cl. III	19.2	19.1	10	20							10																0			56		0		56			Modified by Width
1211+41.6 (Rng.)	Lt.	St. Appr.	30.1	23.9	10	14.5							15									24	24	24	0.1				51			0		90				90	North "H" St.
1211+49.6	Lt.	Mod. Cl. III	3.1	7.1	5								1																0			4		0		4			
																													0			0		0	0	0			
1211+90.3	Lt.	Mod. Cl. III	29.8	20.1	10	12	6.0						14																0			84		0		84			Modified by Radius
1212+45.0	Lt.	Mod. Cl. III	29.7	20.2	12	20	10.1						16																0			92		0		92			Modified by Radius
1213+02.8	Lt.	Mod. Cl. III	9.8	19.8	10	5							5																0			30		0		30			Modified by Radius & Width
1213+21.2	Rt.	Cl. III	24.3	20.7	20	10	10.1						17									21	21	21	0.1				0			98		0		70	28		
1213+33.2	Lt.	Mod. Cl. III	30.0	20.1	5	20	10.0						16									21	21	21	0.1				0			92		0		83	9		Modified by Radius
																													0			0		0		0			
1213+78.1	Rt.	Cl. III	21.7	20.0	20	10	10.0						15									20	20	20	0.1				0			88		0		63	25		
1214+12.0	Lt.	Mod. Cl. III	29.9	10.5	10	10							8																0			44		0		44			Modified by Radius
																													0			0		0		0			
1214+51.6	Rt.	Mod. Cl. III	26.1	10.8		5							6																0			34		0		34			Off of North "I" St.
1214+65.0	Lt.	St. Appr.	24.2	24.2	18	15							15									25	25	25	0.1				63			0		89				89	North "I" St.
																													0			0		0		0			
1214+65.2	Rt.	St. Appr.	24.5	69.0	22	15							34									69	69	69	0.2				92			0		199				199	North "I" St.
																													0			0		0		0			
1214+79.6	Rt.	Mod. Cl. III	28.8	10.4	5	5							7																0			37		0		37			Off of North "I" St.
1215+17.0	Lt.	Mod. Cl. III	29.4	17.7	8	20							12																0			68		0		68			Modified by Radius
1215+17.2	Rt.	Mod. Cl.III	28.8	13.5	5	10							8																0			43		0		43			Modified by Radius
																													0			0		0		0			
1216+06.6	Lt.	Mod. Cl.III	29.0	13.9	7.7	10							9																0			54		0		54			Modified by Radius
1216+18.1	Rt.	Mod. Cl.III	14.6	10.0	10	5							4																0			22		0		22			Modified by Width & Radius
SHEET 2 SUBTOTALS (PCCP ALTERNATE)													565									636	636	636	2.4				1,034			1,955		1,301	56	1,712	187	1,301	

Clark Dietz ENGINEERS

PCCP Option

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
PAVEMENT QUANTITIES &
APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	257 of 278
CONTRACT	PROJECT
R-30397	0100701

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PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	LT. or RT.	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH "W"	LENGTH "L"	RADII "R"		DISTANCE BEYOND R/W LINE	PCCP, 9.5 IN.	SUBBASE FOR PCCP	BRICK PAVEMENT, REMOVE & SALVAGE	GRADE (< 10% NOT SHOWN)	HMA Wedge & Level, Type B	EXCAVATION		QC/QA-HMA PAVEMENT FOR ROADS				HMA PAVEMENT FOR ROADS						TACK COAT	CENTER CURB, D. CONCRETE	CURB, CONCRETE	INTEGRAL CURB	CURB & GUTTER, CONCRETE	CURB AND GUTTER, CONCRETE (2' MOD.)	CURB & GUTTER, CONCRETE (MOD.)	SUBGRADE TREATMENT, TYPE II	SUBGRADE TREATMENT, TYPE IV	SUBGRADE TREATMENT, TYPE IC	PCCP FOR APPROACHES, 6 IN.	PCCP FOR APPROACHES, 9 IN.	HMA FOR APPROACHES, TYPE B	HMA FOR APPROACHES, TYPE B	REMARKS
													Cut	Fill	165#/Syd QC/QA-HMA 3, 70, SURFACE (9.5 mm)	330#/Syd QC/QA-HMA, 3, 70, INTERMED (19.0 mm)	385#/Syd QC/QA-HMA, 3,94, BASE (19.0 mm)	330#/Syd QC/QA-HMA, 3,94, BASE (19.0 mm)	HMA for Widening, Type C (1,210 #/syd)	HMA for Structure Widening, Type C (1,210 #/syd)	Milling, Asphalt, 1 in.	Joint Adhesive Surface	Joint Adhesive Intermediate	Liquid Asphalt Sealant	0.000252											1320#/syd.	1210#/syd.	
			Ft	Ft	Ft	Ft	Ft	Sys	Sys	Sys	%	Tons	Cys	Cys	Sys	Sys	Sys	Sys	Sys	Sys	Sys	Ft	Ft	Ft	Ton	Lft	Lft	LFT	Lft	Lft	Lft	Sys	Sys	Sys	Sys	Sys	Sys	Sys	
Line"PR-C-3" cont'd.																																								
1216+42.6	Lt.	Mod. Cl.III	10.0	20.7	8.3	20							7																0			42		0		42			
1216+69.5	Rt.	Cl.III	33.0	25.2	20	10	5.5						17									26	26	26	0.1				0			102		0		51	51		
1220+36.0	Rt.	Cl.III	31.9	9.7	20	10	1.5						7																0			42		0		42			Modified by Width & Radius
1220+49.4	Lt.	Cl.III	30.2	18.5	10	20	6.1						13									19	19	19	0.1				0			74		0		53	21		
1221+12.0	Lt.	Cl.III	31.6	10.2	10	20							8																0			44		0		44			
1221+51.1	Rt.	Cl.III	12.7	X	20	10							9																0			49		0		49			
1222+07.5	Lt.	Mod. Cl.III	29.0	11.1	10	4.5							7																0			41		0		41			
1222+46.0	Lt.	Mod. Cl.III	32.7	10.0	4.5	20							8																0			46		0		46			
1223+45.0	Lt.	Mod. Cl.III	21.2	10.6	4.5	5							5																0			27		0		27			Modified by Radius
1223+55.7	Rt.	Mod. Cl.III	8.5	7.6	5								2																0			7		0		7			Modified by Width & Radius
																													0			0		0		0			
Line"C"																													0			0		0		0			
1168+68.9	Rt.	Cl. III	27.7	17.4	20	10	4.4						12									18	18	18	0.1				0			68		0		51	17		
1169+63.2	Rt.	ModCl. III	26.6	8.5	5		1.0						5																0			26		0		26			Off of South "A" St.
1169+80.9	Lt.	St. Appr.	33.5	48.0	6	10							29									48	48	48	0.1				104			0		174				174	South "A" St.
1169+81.0	Rt.	St. Appr.	35.6	62.8	20	14							40									63	63	63	0.2				114			0		236				236	South "A" St.
1169+98.8	Rt.	Mod. Cl. III	15.0	7.4									3																0			16		0		16			Off of South "A" St.
1170+43.8	Lt.	Mod. Cl. III	11.7	19.4	10	10	5.5						6									20	20	20	0.1				0			33		0		26	7		Modified by Width
1186+77	Lt.	Mod. Cl. III	19.0	14.1	15	15							0																0			0		0					
																													0			0		0		0			
Line"NH10"																													0			0		0		0			
71+50.4	Rt.	St. Appr.	24.3	28.0	17	17							16									28	28	28	0.1				69			0		92				92	North "H" St.
71+94.2	Rt.	Mod. Cl.III	29.0	14.0	5	10	2.6						9																0			52		0		52			Modified by Radius
74+65.6	Rt.	Mod. Cl.III	18.3	20.1	20	10							10																0			55		0		55			Modified by Width
70+85.37	to	74+92.41											156									407	407	407	0.5				252			0		935		0		935	North 10th St.
																																0		0		0			
Line"PR-S-121"																																0		0		0			
51+17.0	Lt.	Cl.III	30.0	20.1	10	20	12.8						14									21	21	21	0.1				0			81	81	0		35	46		
52+21.8	Lt.	Cl.III	35.1	7.2	10	20							6																0			33	33	0		33			
52+32.5	Rt.	Mod. Cl.III	9.0	20.0	10	10							5																0			27	27	0		27			Modified by Width & Radius
54+49.0	Rt.	St. Appr.	17.8	20.5	10	10							9									21	21	21	0.1				53			52	55	0			52		North "11th" St.
55+46.2	Lt.	St. Appr.	18.0	19.5	10	10							9									20	20	20	0.1				49			50	53	0			50		North "11th" St.
49+25.00	to	49+68.00	43.0	42.0	35	35																42	42	42	0.2				0			0	0					255	S.R. 121
50+36.70	to	55+80.00						1,888	2,340						968	968			60	58	968	387	387	387	0.3			271	454			0	2,340						S.R. 121
																						0	0		0.0														
SB U.S. 27																						0	0		0.0														
1107+84.86	to	1109+00.00	**Line "PR-D-1"**					386	464						0							0	0		0.0			346						464					
1109+00.00	to	1113+55.44	**Line "PR-D-1"**					1,784	2,022						0							0	0		0.0			1,067						2,022					
1113+55.44	to	1148+20.00	**Line "D"**					16,243	17,598						0					6		0	0		0.1			6,071						17,598					
1150+90.00	to	1186+87.66	**Line "D"**					16,790	17,874	101					0							0	0		0.0			4,876			0			17,874					
50+00.00	to	50+97.21	**Line "NC-D"**					392	392						0							0	0		0.0				282					392					North 8th St.
50+97.21	to	52+37.00	**Line "NC-D"**					0							0							0	0		0.0														North 8th St.
40+60.00	to	44+39.27	**Line "NC"**												0							0	0		0.5				511		145			46				882	North C St.
1186+87.9	to	1193+45.8	**Line "PR-D-2"**					1,645	1,860						0							0	0		0.0			963						1,860					
																						0	0		0.0														
U.S. 27																						0	0		0.0														
1202+44.5	to	1204+00.0	**Line "PR-C-3"**					912	1,017						0							0	0		0.0	156		312						1,017					
1204+00.0	to	1216+00.0	**Line "PR-C-3"**					6,170	6,798						441	441			18	196	441	176	176	176	0.3	780		1,161						6,798					
1216+00.0	to	1221+80.0	**Line "PR-C-3"**					525	1,744			138			2,927	2,927			167	797	2,927	1,171	1,171	1,171	1.2			887					1,744						Wedge & Level, Type C = 138 Tons
1221+80.0	to	1223+59.9	**Line "PR-C-3"**					0							922	922			70	502	922	369	369	369	0.5			168					621						
																						0	0		0.0														
NB U.S. 27																						0	0		0.0														
1167+80.00	to	1168+00.00	**Line "C"**					76	85						0							0	0		0.0			40						85					
1168+00.00	to	1171+60.00	**Line "C"**					1,579	1,692						0							0	0		0.0			508						1,692					
1171+60.00	to	1172+02.60	**Line "C"**					195	213						0							0	0		0.0			80						213					
1186+50.00	to	1187+00.00	**Line "C"**					214	226						0							0	0		0.0			52						226					
1187+00.00	to	1187+68.09	**Line "C"**					280	311						0							0	0		0.0			135						311					
1187+67.96	to	1192+37.70	**Line "PR-C-3"**					1,856	2,055						0							0	0		0.1			896						2,055				67	
SHEET 1 SUBTOTALS (PCCP ALTERNATE)								0	0	0		0	656	0	0	0	0	0	0	0	0	980	980	980	3.0	0	0	0	2,054	0	0	879	0	2,929	83	757	39	2,929	
SHEET 2 SUBTOTALS (PCCP ALTERNATE)								0	0	0		0	565	0	0	0	0	0	0	0	0	636	636	636	2.4	0	0	0	1,034	0	0	1,955	0	1,301	56	1,712	187	1,301	
SHEET 3 SUBTOTALS (PCCP ALTERNATE)								50,937	56,691	101		138	412	0	5,258	5,258	0	0	315	1,559	5,258	2,836	2,836	2,836	4.8	936	0	17,834	1,888	0	145	967	4,955	54,090	0	723	244	2,641	
									MOT (Undistributed)			50																											
TOTALS (PCCP ALTERNATE)								50,937	56,691	101		188	1,633	0	5,258	5,258	0	0	315	1,559	5,258	4,452	4,452	4,452	10	936	0	17,834	4,976	0	145	3,801	4,955	58,320	139	3,192	470	6,871	
															434	868	0	0	191	944												760	991	11,664			310	4,157	
												Tons			Tons	Tons	Tons	Tons	Tons	Tons							+20%					4,561	5,946	69,984			Tons	Tons	

Clark Dietz ENGINEERS

PCCP Option

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES PAVEMENT QUANTITIES & APPROACH TABLE

DESIGNED: RBI DRAWN: MP CHECKED: JAL CHECKED: JAL

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	258 of 278
CONTRACT	PROJECT
R-30397	0100701

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UNDERDRAIN TABLE - LEFT EDGE OF PAVEMENT

UNDERDRAIN PIPE											OUTLET PIPE										OUTLET PROTECTORS						
UNDERDRAIN PIPE LIMITS	Type 4 Pipe Line	Type 4 Pipe 6" LFT	GEOTEXTILE FOR UNDERDRAINS SYS	AGGREGATE FOR UNDERDRAINS CYS	HMA FOR UNDERDRAINS TONS	SPECIAL GRADE %	FLOW LINE ELEVATION @ UNDERDRAIN PIPE LIMIT	OUTLET PIPE REQUIRED (Y/N)	CONNECT UNDERDRAIN PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	45 DEG ELBOWS REQUIRED (1 OR 2)	6" OUTLET PIPE LFT	OUTLET STATION	OUTLET ELEVATION	OUTLET AT OUTLET PROTECTOR NO. ___	DITCH FLOW LINE ELEVATION AT OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	B BORROW FOR STRUCTURE BACKFILL CYS	HMA FOR UNDERDRAINS TONS	OUTLET PROTECTOR NO. ___	OUTLET PROTECTOR TYPE	Location: OUTSIDE LEFT	Location: MEDIAN LEFT	Location: MEDIAN RIGHT	Location: OUTSIDE RIGHT	REMARKS
S.B. U.S. 27 Left Edge of Pavement																											
1107+85	PR-D-1	375	375	45			1013.26																				
1111+60							1001.53	No	13	999.59																	
1111+62	PR-D-1	338	338	41			1001.48																				
1115+00	D						991.65	No	16	984.54																	
1115+02	D	198	198	24			991.60																				
1117+00						2.50%	986.64	No	17	985.57																	Special Grade Req'd.
1117+02	D	52	52	6			985.77																				
1117+54							984.26	No	21	979.77																	
1117+56	D	294	294	35			984.20																				
1120+50							978.83	No	24	977.17																	
1120+52	D	108	108	13			978.82																				
1121+60							978.44	No	27	977.33																	
1121+62	D	51	51	6			978.43																				
1122+13							978.25	No	31	974.64																	
1122+15	D	54	54	6			978.24																				
1122+69							978.12	No	34	976.92																	
1122+71	D	279	279	33			978.12	No	34	976.92																	
1125+50							979.29																				
1125+52	D	293	293	35			979.30	No	38	978.06																	
1128+45							980.81																				
1128+46	D	304	304	36			980.81																				
1131+50							978.04	No	42	976.81																	
1131+52	D	320	320	38			978.02																				
1134+72							971.08	No	45	969.79																	
1134+74	D	81	81	10			971.04																				
1135+55							970.23	No	52	968.93																	
1135+57	D	268	268	32			970.23	No	52	968.93																	
1138+25							972.39																				
1138+27	D	266	266	32			972.40	No	56	971.25																	
1140+93							974.69																				
1140+94	D	344	344	41			974.69																				
1144+38							972.95	No	61	971.87																	
1144+40	D	190	190	23			972.94																				
1146+30							971.93	No	66	970.82																	
1146+32	D	108	108	13			971.92																				
1147+40							971.47	No	69	970.40																	
1147+42	D	78	78	9			971.47	No	69	970.40																	
1148+20							971.85																				
PROJECT EXCEPTION																											
1150+90	D	116	116	14			972.15																				
1152+06							971.85	No	75	968.61																	
1152+08	D	72	72	9			971.85	No	75	968.61																	
1152+80							972.05																				
Subtotals		4,189	4,189	501																							

Clark Dietz ENGINEERS

NOTES:
1. Utilize 1'-6" underdrain depth if PCCP Alternate is chosen. See Typical Sections for detail.
2. Flow Line Elevation @ Underdrain Pipe Shall be deepened by 0.125" for PCCP Alternate.
3. Geotextiles for Underdrains shall be multiplied by a factor of 0.78 for PCCP Alternate.
4. Aggregate for Underdrains shall be multiplied by a factor of 0.75 for PCCP Alternate.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	259 of 278
CONTRACT	PROJECT
R-30397	0100701

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UNDERDRAIN TABLE - LEFT EDGE OF PAVEMENT

UNDERDRAIN PIPE											OUTLET PIPE										OUTLET PROTECTORS						
UNDERDRAIN PIPE LIMITS	Type 4 Pipe Line	Type 4 Pipe 6" LFT	GEOTEXTILE FOR UNDERDRAINS SYS	AGGREGATE FOR UNDERDRAINS CYS	HMA FOR UNDERDRAINS TONS	SPECIAL GRADE %	FLOW LINE ELEVATION @ UNDERDRAIN PIPE LIMIT	OUTLET PIPE REQUIRED (Y/N)	CONNECT UNDERDRAIN PIPE TO STRUC. NO. __	STRUCTURE INVERT ELEVATION	45 DEG ELBOWS REQUIRED (1 OR 2)	6" OUTLET PIPE LFT	OUTLET STATION	OUTLET ELEVATION	OUTLET AT OUTLET PROTECTOR NO. ___	DITCH FLOW LINE ELEVATION AT OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	B BORROW FOR STRUCTURE BACKFILL CYS	HMA FOR UNDERDRAINS TONS	OUTLET PROTECTOR NO. ___	OUTLET PROTECTOR TYPE	Location: OUTSIDE LEFT	Location: MEDIAN LEFT	Location: MEDIAN RIGHT	Location: OUTSIDE RIGHT	REMARKS
S.B. U.S. 27 Left Edge of Pavement (cont.)																											
1152+82	D	166	166	20			972.06	No	77	970.83																	
1154+48							972.64																				
1154+50	D	198	198	24			972.65	No	80	971.57																	
1156+48							973.34																				
1156+50	D	222	222	27			973.35	No	83	972.72																	
1158+72							974.12																				
1158+74	D	24	24	3			974.13	No	85	967.25																	
1158+98							974.21																				
1159+00	D	200	200	24			974.22	No	86	970.83																	
1161+00							974.83																				
1161+01	D	329	329	39			974.83																				
1164+30							973.77	No	90	972.13																	
1164+32	D	258	258	31			973.76																				
1166+90							972.70	No	97	970.91																	
1166+92	D	154	154	18			972.69																				
1168+46							972.09	No	101	971.00																	
1168+48	D	152	152	18			972.09	No	101	971.00																	
1170+00							972.55																				
1170+02	D	68	68	8			972.56	No	107	971.48																	
1170+70							972.80																				
1170+72	D	211	211	25			972.80	No	110	971.55																	
1172+83							973.66																				
1172+85	D	88	88	11			973.68	No	118	972.03																	
1173+73							974.21																				
1174+10	D	305	305	37			974.37	No	119	973.51																	
1177+15							974.63																				
1177+17	D	83	83	10			974.63	No	124	973.68																	
1178+00							974.83																				
1178+85	D	260	260	31			975.09	No	128	973.82																	
1181+45							975.84																				
1181+46	D	164	164	20			975.84																				
1183+10							974.65	No	132	973.71																	
1183+12	D	193	193	23			974.64																				
1185+05							973.96	No	137	973.18																	
1185+07	D	137	137	16			973.95																				
1186+44							973.40	No	144	972.77																	
1186+46	D	106	106	13			973.39																				
1187+52							972.73	No	147	971.85																	N 8th St
1187+54	PR-D-2	103	103	12			972.73																				
1188+33						0.50%	972.23	No	150	971.73																	N 8th St, Special Grade Req'd
1188+35	PR-D-2	30	30	4		0.40%	972.23	No	150	971.73																	N 8th St, Special Grade Req'd
1188+51							972.35																				
1187+87	PR-D-2	55	55	7			972.91																				
1188+42							972.73	No	152	971.37																	
Subtotals		3,506	3,506	421																							

Clark Dietz ENGINEERS

NOTES:
1. Utilize 1'-6" underdrain depth if PCCP Alternate is chosen. See Typical Sections for detail.
2. Flow Line Elevation @ Underdrain Pipe Shall be deepened by 0.125" for PCCP Alternate.
3. Geotextiles for Underdrains shall be multiplied by a factor of 0.78 for PCCP Alternate.
4. Aggregate for Underdrains shall be multiplied by a factor of 0.75 for PCCP Alternate.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	260 of 278
CONTRACT	PROJECT
R-30397	0100701

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UNDERDRAIN TABLE - LEFT EDGE OF PAVEMENT

UNDERDRAIN PIPE											OUTLET PIPE										OUTLET PROTECTORS						
UNDERDRAIN PIPE LIMITS	Type 4 Pipe Line	Type 4 Pipe 6"	GEOTEXTILE FOR UNDERDRAINS	AGGREGATE FOR UNDERDRAINS	HMA FOR UNDERDRAINS	SPECIAL GRADE	FLOW LINE ELEVATION @ UNDERDRAIN PIPE LIMIT	OUTLET PIPE REQUIRED	CONNECT UNDERDRAIN PIPE TO STRUC. NO. __	STRUCTURE INVERT ELEVATION	45 DEG ELBOWS REQUIRED (1 OR 2)	6" OUTLET PIPE	OUTLET STATION	OUTLET ELEVATION	OUTLET AT OUTLET PROTECTOR NO. __	DITCH FLOW LINE ELEVATION AT OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STRUC. NO. __	STRUCTURE INVERT ELEVATION	B BORROW FOR STRUCTURE BACKFILL	HMA FOR UNDERDRAINS	OUTLET PROTECTOR NO. __	OUTLET PROTECTOR TYPE	Location: OUTSIDE LEFT	Location: MEDIAN LEFT	Location: MEDIAN RIGHT	Location: OUTSIDE RIGHT	REMARKS
		LFT	SYS	CYS	TONS	%		(Y/N)				LFT							CYS	TONS							
S.B. U.S. 27 Left Edge of Pavement (cont.)																											
1188+44	PR-D-2	105	105	13			972.73	No	152	971.37																	continued thru intersection
1189+49							973.25																				
1189+51	PR-D-2	75	75	9			973.26	No	156	972.47																	
1190+26							973.62																				
1190+27	PR-D-2	155	155	19			973.62																				
1191+82						0.60%	972.69	No	157	972.14																	Special Grade Req'd.
1191+84	PR-D-2	162	162	19		1.40%	972.73	No	157	972.14																	Special Grade Req'd.
1193+46							975.00																				
PROJECT EXCEPTION																											
U.S. 27 Left Edge of Pavement																											
1202+44	PR-C-3	176	176	21			976.73																				
1204+20							968.57	No	159	967.29																	
1204+22	PR-C-3	287	287	34			968.47																				
1207+09							956.80	No	162	955.58																	
1207+11	PR-C-3	396	396	48			956.72																				
1211+07							945.32	No	171	943.30																	
1211+09	PR-C-3	263	263	32			945.29																				
1213+72							940.78	No	178	940.11																	
1213+74	PR-C-3	296	296	36			940.74																				
1216+70							930.18	No	187	929.50																	
1216+72	PR-C-3	152	152	18			930.06																				
1218+24							923.13	No	191	922.63																	
1218+26	PR-C-3	194	194	23			923.07																				
1220+20							920.65	No	197	919.77																	
1220+22	PR-C-3	143	143	17			920.64																				
1221+65							920.09	No	200	919.03																	
1221+67	PR-C-3	158	158	19			920.08																				
1223+25							919.20	No	203	917.95																	
1223+27	PR-C-3	31	31	4		1.20%	918.59	No	203	917.95																	special grade opposite directi
1223+58							918.96																				
N.B. U.S. 27 Left Edge of Pavement																											
1167+80	C	110	110	13			974.11																				
1168+90						0.40%	973.50	No	208	972.99																	
1168+92	C	53	53	6			973.49																				
1169+45							973.34	No	212	972.41																	
1169+47	C	117	117	14			973.34	No	212	972.41																	
1170+64							973.79																				
1170+66	C	83	83	10			973.80	No	222	973.02																	
1171+49							974.22																				
1171+51	C	51	51	6			974.23	No	227	973.28																	
1172+02							974.48																				
Subtotals		3,007	3,007	361																							

Clark Dietz ENGINEERS

NOTES:
1. Utilize 1'-6" underdrain depth if PCCP Alternate is chosen. See Typical Sections for detail.
2. Flow Line Elevation @ Underdrain Pipe Shall be deepened by 0.125" for PCCP Alternate.
3. Geotextiles for Underdrains shall be multiplied by a factor of 0.78 for PCCP Alternate.
4. Aggregate for Underdrains shall be multiplied by a factor of 0.75 for PCCP Alternate.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	261 of 278
CONTRACT	PROJECT
R-30397	0100701

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UNDERDRAIN TABLE - LEFT EDGE OF PAVEMENT

UNDERDRAIN PIPE										OUTLET PIPE										OUTLET PROTECTORS						
UNDERDRAIN PIPE LIMITS	Type 4 Pipe Line	Type 4 Pipe 6" LFT	GEOTEXTILE FOR UNDERDRAINS SYS	AGGREGATE FOR UNDERDRAINS CYS	HMA FOR UNDERDRAINS TONS	SPECIAL GRADE %	FLOW LINE ELEVATION @ UNDERDRAIN PIPE LIMIT	OUTLET PIPE REQUIRED (Y/N)	CONNECT UNDERDRAIN PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	45 DEG ELBOWS REQUIRED (1 OR 2)	6" OUTLET PIPE LFT	OUTLET STATION	OUTLET ELEVATION	OUTLET AT OUTLET PROTECTOR NO. ___	DITCH FLOW LINE ELEVATION AT OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	B BORROW FOR STRUCTURE BACKFILL CYS	HMA FOR UNDERDRAINS TONS	OUTLET PROTECTOR NO. ___	OUTLET PROTECTOR TYPE	Location: OUTSIDE LEFT	Location: MEDIAN LEFT	Location: MEDIAN RIGHT	Location: OUTSIDE RIGHT	REMARKS
Project Exception																										
N.B. U.S. 27 Left Edge of Pavement (cont.)																										
1186+50	C	50	50	6			973.58																			
1187+00							973.24	No	230	972.23																
1187+02	C	78	78	9			973.23																			
1187+80	PR-C-3						972.69	No	233	971.76																
							#VALUE!																			
							#VALUE!																			
1188+57	PR-C-3	291	291	35			972.46	No	234	971.20																
1191+48							973.78																			
North C Street Left Edge of Pavement																										Underdrains not req'd. on rig
40+60	NC	72	72	9			972.81																			
41+32						0.30%	972.59	No	155	971.97																Special Grade Req'd.
41+34	NC	55	55	7			972.62	No	155	971.97																
41+89							973.37																			
41+90	NC	110	110	13			973.36																			
43+00							972.15	No	240	970.88																
43+02	NC	40	40	5			972.14																			
43+42							972.03	No	241	971.46																
43+44	NC	78	78	9			972.03	No	241	971.46																
44+22							972.42																			
S.R. 121 Left Edge of Pavement																										
50+19	PR-S-121	55	55	7			921.31																			
50+74						0.30%	921.15	No	246	920.61																Special Grade Req'd.
50+76	PR-S-121	88	88	11			921.16	No	246	920.61																
51+64							921.65																			
51+66	PR-S-121	188	188	23			921.66	No	251	920.69																
53+54							922.57																			
53+55	PR-S-121	220	220	26			922.57																			
55+75						0.30%	921.96	No	255	921.46																Special Grade Req'd.
U.S. 40 Left Edge of Pavement																										
1168+47	D	127	127	15		0.30%	971.69	No	101	971.00																Special Grade Req'd.
1169+47							972.07																			South A St. & Line "D"
1169+80	D	40	40	5			972.18																			South A St. & Line "D"
1170+00						0.30%	972.06	No	107	971.48																Special Grade Req'd.
1178+85	D	314	314	38		0.30%	974.32	No	128	973.82																Special Grade Req'd.
1181+49							975.25																			North A St. & Line "D"
1181+96	D	153	153	18			974.80																			Special Grade Req'd.
1183+08						0.30%	974.34	No	132	973.71																North A St. & Line "D"
1169+40	C	31	31	4			973.34																			
1169+46							973.23	No	213	962.46																EB US 40 west of NB US 27
1169+46	C	20	20	2			973.23	No	213	962.46																EB US 40 west of NB US 27
1169+46							973.33																			
Subtotals		2,010	2,010	242																						

Clark Dietz
ENGINEERS

NOTES:
1. Utilize 1'-6" underdrain depth if PCCP Alternate is chosen. See Typical Sections for detail.
2. Flow Line Elevation @ Underdrain Pipe Shall be deepened by 0.125" for PCCP Alternate.
3. Geotextiles for Underdrains shall be multiplied by a factor of 0.78 for PCCP Alternate.
4. Aggregate for Underdrains shall be multiplied by a factor of 0.75 for PCCP Alternate.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	262 of 278
CONTRACT	PROJECT
R-30397	0100701

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UNDERDRAIN TABLE - LEFT & RIGHT EDGE OF PAVEMENT

UNDERDRAIN PIPE											OUTLET PIPE										OUTLET PROTECTORS						
UNDERDRAIN PIPE LIMITS	Type 4 Pipe Line	Type 4 Pipe 6"	GEOTEXTILE FOR UNDERDRAINS	AGGREGATE FOR UNDERDRAINS	HMA FOR UNDERDRAINS	SPECIAL GRADE	FLOW LINE ELEVATION @ UNDERDRAIN PIPE LIMIT	OUTLET PIPE REQUIRED	CONNECT UNDERDRAIN PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	45 DEG ELBOWS REQUIRED (1 OR 2)	6" OUTLET PIPE	OUTLET STATION	OUTLET ELEVATION	OUTLET AT OUTLET PROTECTOR NO. ___	DITCH FLOW LINE ELEVATION AT OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	B BORROW FOR STRUCTURE BACKFILL	HMA FOR UNDERDRAINS	OUTLET PROTECTOR NO. ___	OUTLET PROTECTOR TYPE	Location: OUTSIDE LEFT	Location: MEDIAN LEFT	Location: MEDIAN RIGHT	Location: OUTSIDE RIGHT	REMARKS
		LFT	SYS	CYS	TONS	%		(Y/N)				LFT							CYS	TONS							
U.S. 40 Left Edge of Pavement (cont.)																											
1170+00	C	19	19	2			973.22																				
1170+00							973.13	No	219	972.22																	EB US 40 west of NB US 27
1170+00	C	34	34	4			973.13	No	219	972.22																	EB US 40 west of NB US 27
1170+09							973.51																				
S.B. U.S. 27 Right Edge of Pavement																											
1107+85	PR-D-1	382	382	46			1013.26																				
1111+67							1000.73	No	15	999.54																	Connect to inlet on S "N" St.
1111+52	PR-D-1	558	558	67			1001.93																				
1117+10	D						985.54	No	19	980.86																	Dual Access Underdrain Req'd
1117+12	D	338	338	41			985.48																				
1120+50							978.83	No	26	977.27																	
1120+52	D	108	108	13			978.82																				
1121+60							978.44	No	29	977.33																	
1121+62	D	106	106	13			978.39																				
1122+68							978.08	No	36	976.95																	
1122+70	D	183	183	22			978.08	No	36	976.95																	
1124+53							978.82																				
1125+50	D	295	295	35			979.29	No	40	978.07																	
1128+45							980.81																				
1128+46	D	304	304	36			980.81																				
1131+50							978.04	No	43	977.18																	
1131+52	D	328	328	39			978.02																				
1134+80							970.92	No	46	970.23																	
1134+82	D	72	72	9			970.88																				
1135+54						0.80%	970.31	No	53	969.77																	Special Grade Req'd.
1136+26	D	197	197	24		0.80%	970.79	No	54	970.24																	Special Grade Req'd.
1138+23							972.37																				
1138+25	D	268	268	32			972.39	No	57	971.53																	
1140+93							974.69																				
1140+94	D	344	344	41			974.69																				
1144+38							972.95	No	63	971.93																	
1144+40	D	190	190	23			972.94																				
1146+30							971.93	No	68	970.85																	
1146+32	D	107	107	13			971.92																				
1147+39							971.47	No	71	970.49																	
1147+41	D	79	79	9			971.47	No	71	970.49																	
1148+20							971.85																				
PROJECT EXCEPTION																											
Subtotals		3,912	3,912	469																							

Clark Dietz
ENGINEERS

NOTES:
1. Utilize 1'-6" underdrain depth if PCCP Alternate is chosen. See Typical Sections for detail.
2. Flow Line Elevation @ Underdrain Pipe Shall be deepened by 0.125" for PCCP Alternate.
3. Geotextiles for Underdrains shall be multiplied by a factor of 0.78 for PCCP Alternate.
4. Aggregate for Underdrains shall be multiplied by a factor of 0.75 for PCCP Alternate.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	263 of 278
CONTRACT	PROJECT
R-30397	0100701

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UNDERDRAIN TABLE - RIGHT EDGE OF PAVEMENT

UNDERDRAIN PIPE											OUTLET PIPE										OUTLET PROTECTORS						
UNDERDRAIN PIPE LIMITS	Type 4 Pipe Line	Type 4 Pipe 6" LFT	GEOTEXTILE FOR UNDERDRAINS SYS	AGGREGATE FOR UNDERDRAINS CYS	HMA FOR UNDERDRAINS TONS	SPECIAL GRADE %	FLOW LINE ELEVATION @ UNDERDRAIN PIPE LIMIT	OUTLET PIPE REQUIRED (Y/N)	CONNECT UNDERDRAIN PIPE TO STRUC. NO. __	STRUCTURE INVERT ELEVATION	45 DEG ELBOWS REQUIRED (1 OR 2)	6" OUTLET PIPE LFT	OUTLET STATION	OUTLET ELEVATION	OUTLET AT OUTLET PROTECTOR NO. ___	DITCH FLOW LINE ELEVATION AT OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	B BORROW FOR STRUCTURE BACKFILL CYS	HMA FOR UNDERDRAINS TONS	OUTLET PROTECTOR NO. ___	OUTLET PROTECTOR TYPE	Location: OUTSIDE LEFT	Location: MEDIAN LEFT	Location: MEDIAN RIGHT	Location: OUTSIDE RIGHT	REMARKS
S.B. U.S. 27 Right Edge of Pavement (cont.)																											
1150+90	D	116	116	14			972.15																				
1152+06							971.85	No	76	970.80																	
1152+08	D	70	70	8			971.85	No	76	970.80																	
1152+78							972.02																				
1152+80	D	168	168	20			972.03	No	79	970.97																	
1154+48							972.64																				
1154+50	D	178	178	21			972.65	No	82	971.59																	
1156+28							973.27																				
1156+50	D	248	248	30			973.35	No	84	971.29																	
1158+98							974.21																				
1160+30	D	70	70	8			974.68	No	88	972.92																	
1161+00							974.83																				
1161+01	D	194	194	23			974.83																				
1162+95							974.24	No	89	972.22																	
1163+17	D	113	113	14			974.16																				
1164+30							973.77	No	92	972.15																	
1164+32	D	138	138	17			973.76																				
1165+70							973.25	No	96	972.49																	
1166+72	D	120	120	14			972.78																				
1167+92							972.22	No	100	971.54																	
1168+48	D	186	186	22			972.09	No	103	970.80																	
1170+34							972.67																				
1171+08	D	50	50	6			972.93	No	113	971.56																	
1171+58							973.10																				
1171+60	D	88	88	11			973.11	No	115	971.85																	
1172+48							973.46																				
1172+50	D	130	130	16			973.47	No	117	972.16																	
1173+80							974.25																				
1174+43	D	147	147	18			974.50	No	121	973.51																	
1175+90							975.01																				
1175+91	D	124	124	15			975.01																				
1177+15							974.63	No	126	973.77																	
Subtotals		2,140	2,140	257																							

Clark Dietz ENGINEERS

NOTES:
1. Utilize 1'-6" underdrain depth if PCCP Alternate is chosen. See Typical Sections for detail.
2. Flow Line Elevation @ Underdrain Pipe Shall be deepened by 0.125" for PCCP Alternate.
3. Geotextiles for Underdrains shall be multiplied by a factor of 0.78 for PCCP Alternate.
4. Aggregate for Underdrains shall be multiplied by a factor of 0.75 for PCCP Alternate.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	264 of 278
CONTRACT	PROJECT
R-30397	0100701

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UNDERDRAIN TABLE - RIGHT EDGE OF PAVEMENT

UNDERDRAIN PIPE											OUTLET PIPE										OUTLET PROTECTORS						
UNDERDRAIN PIPE LIMITS	Type 4 Pipe Line	Type 4 Pipe 6"	GEOTEXTILE FOR UNDERDRAINS	AGGREGATE FOR UNDERDRAINS	HMA FOR UNDERDRAINS	SPECIAL GRADE	FLOW LINE ELEVATION @ UNDERDRAIN PIPE LIMIT	OUTLET PIPE REQUIRED	CONNECT UNDERDRAIN PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	45 DEG ELBOWS REQUIRED (1 OR 2)	6" OUTLET PIPE	OUTLET STATION	OUTLET ELEVATION	OUTLET AT OUTLET PROTECTOR NO. ___	DITCH FLOW LINE ELEVATION AT OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	B BORROW FOR STRUCTURE BACKFILL	HMA FOR UNDERDRAINS	OUTLET PROTECTOR NO. ___	OUTLET PROTECTOR TYPE	Location: OUTSIDE LEFT	Location: MEDIAN LEFT	Location: MEDIAN RIGHT	Location: OUTSIDE RIGHT	REMARKS
		LFT	SYS	CYS	TONS	%		(Y/N)				LFT							CYS	TONS							
S.B. U.S. 27 Right Edge of Pavement (cont.)																											
1177+72	D	18	18	2			974.75	No	127	974.10																	
1177+90							974.80																				
1180+00	D	145	145	17			975.43	No	131	973.54																	
1181+45							975.84																				
1181+46	D	194	194	23			975.84																				
1183+40							974.59	No	134	973.69																	
1183+42	D	50	50	6			974.59																				
1183+92						0.20%	974.48	No	135	972.66																	Special Grade Req'd.
1183+94	D	111	111	13			974.56																				
1185+05							974.18	No	138	972.85																	
1185+07	D	93	93	11			974.19																				
1186+00						0.20%	974.00	No	143	973.45																	Special Grade Req'd.
1186+52	D	103	103	12			973.58																				
1187+55						0.20%	973.38	No	148	971.91																	Special Grade Req'd.
1187+57	PR-D-2	85	85	10			973.17																				
1188+42						0.20%	973.00	No	153	972.43																	Special Grade Req'd.
1188+44	PR-D-2	182	182	22		0.20%	973.00	No	153	972.43																	Special Grade Req'd.
1190+26							973.54																				
1190+27	PR-D-2	155	155	19			973.62																				
1191+82							972.51	No	158	971.38																	
1191+84	PR-D-2	76	76	9			972.51	No	158	971.38																	
1192+60							973.19																				
PROJECT EXCEPTION																											
U.S. 27 Right Edge of Pavement																											
1202+44	PR-C-3	174	174	21			976.73																				
1204+18							968.66	No	161	967.30																	
1204+20	PR-C-3	289	289	35			968.57																				
1207+09							956.80	No	164	955.58																	
1207+11	PR-C-3	178	178	21			956.72																				
1208+89							950.72	No	166	949.73																	
1208+91	PR-C-3	7	7	1		0.50%	950.66	No	166	949.73																	Special Grade Req'd.
1208+98							950.70																				
North 10th St. Right Edge of Pavement																											
70+86	NH10	29	29	3			948.85																				
71+15							948.33	No	167	946.78																	
71+17	NH10	8	8	1			948.29																				
71+25							948.15	No	167A	946.47																	
71+29	NH10	111	111	13			948.08																				
72+40							946.08	No	170	943.37																	
72+62	NH10	73	73	9			945.68																				
73+35							944.40	No	173	942.85																	
Subtotals		2,081	2,081	248																							

Clark Dietz
ENGINEERS

NOTES:
1. Utilize 1'-6" underdrain depth if PCCP Alternate is chosen. See Typical Sections for detail.
2. Flow Line Elevation @ Underdrain Pipe Shall be deepened by 0.125" for PCCP Alternate.
3. Geotextiles for Underdrains shall be multiplied by a factor of 0.78 for PCCP Alternate.
4. Aggregate for Underdrains shall be multiplied by a factor of 0.75 for PCCP Alternate.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	265 of 278
CONTRACT	PROJECT
R-30397	0100701

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UNDERDRAIN TABLE - RIGHT EDGE OF PAVEMENT

UNDERDRAIN PIPE											OUTLET PIPE										OUTLET PROTECTORS						
UNDERDRAIN PIPE LIMITS	Type 4 Pipe Line	Type 4 Pipe 6"	GEOTEXTILE FOR UNDERDRAINS	AGGREGATE FOR UNDERDRAINS	HMA FOR UNDERDRAINS	SPECIAL GRADE	FLOW LINE ELEVATION @ UNDERDRAIN PIPE LIMIT	OUTLET PIPE REQUIRED	CONNECT UNDERDRAIN PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	45 DEG ELBOWS REQUIRED (1 OR 2)	6" OUTLET PIPE	OUTLET STATION	OUTLET ELEVATION	OUTLET AT OUTLET PROTECTOR NO. ___	DITCH FLOW LINE ELEVATION AT OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STRUC. NO. ___	STRUCTURE INVERT ELEVATION	B BORROW FOR STRUCTURE BACKFILL	HMA FOR UNDERDRAINS	OUTLET PROTECTOR NO. ___	OUTLET PROTECTOR TYPE	Location: OUTSIDE LEFT	Location: MEDIAN LEFT	Location: MEDIAN RIGHT	Location: OUTSIDE RIGHT	REMARKS
		LFT	SYS	CYS	TONS	%		(Y/N)				LFT							CYS	TONS							
U.S. 27 Right Edge of Pavement (cont.)																											
73+37	NH10	90	90	11			944.36																				
1212+40	PR-C-3						942.98	No	175	941.95																	
1212+42	PR-C-3	108	108	13			942.94																				
1213+50							941.19	No	177	940.11																	
1213+52	PR-C-3	281	281	34			941.15																				
1216+33							932.08	No	186	929.48																	
1216+35	PR-C-3	155	155	19			931.97																				
1217+90							923.98	No	190	922.76																	
1217+92	PR-C-3	270	270	32			923.91																				
1220+62							920.48	No	199	919.76																	
1220+64	PR-C-3	116	116	14			920.48																				
1221+80							920.03	No	202	919.17																	
1221+82	PR-C-3	163	163	20			920.02																				
1223+45							919.06	No	205	915.30																	
1223+47	PR-C-3	11	11	1		0.60%	918.90	No	205	915.30																	Special Grade Req'd.
1223+58							918.96																				
N.B. U.S. 27 Right Edge of Pavement																											
1168+02	C	88	88	11			973.98																				
1168+90						0.20%	973.80	No	209	973.26																	Special Grade Req'd.
1168+92	C	48	48	6			973.57																				
1169+40							973.42	No	211	972.42																	
1169+42	C	131	131	16			973.42	No	211	972.42																	
1170+73							973.84																				
1170+75	C	73	73	9		0.36%	973.85	No	225	973.25																	
1171+48							974.22																				
1171+50	C	52	52	6			974.23	No	229	973.32																	
1172+02							974.48																				
PROJECT EXCEPTION																											
1186+50	C	50	50	6			973.56																				
1187+00							973.22	No	232	972.28																	
1187+02	C	154	154	18			973.21																				
1188+56	PR-C-3						972.44	No	236	971.34																	Special Grade Req'd.
1188+58	PR-C-3	92	92	11		0.70%	971.90	No	236	971.34																	Special Grade Req'd.
1189+50							972.56																				
1189+52	PR-C-3	86	86	10			972.56	No	243	971.73																	
1190+38							972.87																				
1190+40	PR-C-3	198	198	24			972.88	No	245	972.07																	
1192+38							975.13																				
North C St.	**NC**																										
No underdrains on RT side.																											
Subtotals		2,166	2,166	261																							

Clark Dietz
ENGINEERS

NOTES:
1. Utilize 1'-6" underdrain depth if PCCP Alternate is chosen. See Typical Sections for detail.
2. Flow Line Elevation @ Underdrain Pipe Shall be deepened by 0.125" for PCCP Alternate.
3. Geotextiles for Underdrains shall be multiplied by a factor of 0.78 for PCCP Alternate.
4. Aggregate for Underdrains shall be multiplied by a factor of 0.75 for PCCP Alternate.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	266 of 278
CONTRACT	PROJECT
R-30397	0100701

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UNDERDRAIN TABLE - RIGHT EDGE OF PAVEMENT

UNDERDRAIN PIPE											OUTLET PIPE										OUTLET PROTECTORS						
UNDERDRAIN PIPE LIMITS	Type 4 Pipe Line	Type 4 Pipe 6"	GEOTEXTILE FOR UNDERDRAINS	AGGREGATE FOR UNDERDRAINS	HMA FOR UNDERDRAINS	SPECIAL GRADE	FLOW LINE ELEVATION @ UNDERDRAIN PIPE LIMIT	OUTLET PIPE REQUIRED	CONNECT UNDERDRAIN PIPE TO STRUC. NO. __	STRUCTURE INVERT ELEVATION	45 DEG ELBOWS REQUIRED (1 OR 2)	6" OUTLET PIPE	OUTLET STATION	OUTLET ELEVATION	OUTLET AT OUTLET PROTECTOR NO. __	DITCH FLOW LINE ELEVATION AT OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STRUC. NO. __	STRUCTURE INVERT ELEVATION	B BORROW FOR STRUCTURE BACKFILL	HMA FOR UNDERDRAINS	OUTLET PROTECTOR NO. __	OUTLET PROTECTOR TYPE	Location: OUTSIDE LEFT	Location: MEDIAN LEFT	Location: MEDIAN RIGHT	Location: OUTSIDE RIGHT	REMARKS
		LFT	SYS	CYS	TONS	%		(Y/N)				LFT							CYS	TONS							
S.R. 121 Right Edge of Pavement																											
50+48	PR-S-121	34	34	4			921.17																				
50+82						0.50%	921.00	No	248	920.36																	Special Grade Req'd.
50+84	PR-S-121	81	81	10			921.26	No	248	920.36																	
51+65							921.90																				
51+67	PR-S-121	188	188	23			921.91	No	253	920.67																	
53+55							922.81																				
53+56	PR-S-121	116	116	14			922.81																				
54+72						0.20%	922.58	No	254	922.00																	Special Grade Req'd.
U.S. 40 Right Edge of Pavement																											
1169+33	D	19	19	2			972.60																				
1169+47						0.50%	972.50	No	104	971.93																	South A St. & Line "D"
																											Special Grade Req'd.
1169+47	D	42	42	5		0.20%	972.50	No	104	971.93																	South A St. & Line "D"
1169+48							972.59																				Special Grade Req'd.
1169+81	D	32	32	4			972.69																				
1169+81							972.21	No	106	971.49																	South A St. & Line "D"
1169+81	D	32	32	4			972.21	No	106	971.49																	South A St. & Line "D"
1170+00							972.55																				
1180+00	D	180	180	22			975.43	No	131	974.72																	North A St. & Line "D"
1181+50							976.11																				
1181+97	D	176	176	21			975.98																				
1183+40							974.59	No	134	973.69																	North A St. & Line "D"
1169+43	C	32	32	4			973.34																				
1169+65							973.24	No	214	972.47																	South A St & Line "C"
1169+65	C	35	35	4			973.24	No	214	972.47																	South A St & Line "C"
1169+64							974.07																				
1169+98	C	34	34	4			973.58																				
1169+98							973.32	No	220	972.47																	South A St & Line "C"
1169+98	C	22	22	3			973.32	No	220	972.47																	South A St & Line "C"
1170+13							973.53																				
Subtotals		1,023	1,023	124																							
Totals		24,034	24,034	2,884		Video Inspection for Underdrains =			3,000 Lft																		

Clark Dietz
ENGINEERS

NOTES:
1. Utilize 1'-6" underdrain depth if PCCP Alternate is chosen. See Typical Sections for detail.
2. Flow Line Elevation @ Underdrain Pipe Shall be deepened by 0.125" for PCCP Alternate.
3. Geotextiles for Underdrains shall be multiplied by a factor of 0.78 for PCCP Alternate.
4. Aggregate for Underdrains shall be multiplied by a factor of 0.75 for PCCP Alternate.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	267 of 278
CONTRACT	PROJECT
R-30397	0100701

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STRUCTURE DATA

NOTES:
1. CASTING ELEVATIONS FOR CURB CASTINGS ARE GIVEN AT THE EDGE OF PAVEMENT.
2. OFFSETS FOR MANHOLES AND ARE GIVEN TO THE CENTER OF THE STRUCTURE.
3. FOR CATCH BASINS TYPE B, C & F REFER TO INDOT STANDARD DRAWING FOR INLETS TYPE B, C & F AND LOWER BOTTOM OF STRUCTURE 30 INCHES.

STRUCTURE NUMBER	LOCATION					SIZE	PIPE TYPE	STRUCTURE DESCRIPTION	LENGTH	SKEW	COVER	FLOW LINE		CASTING ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL TYPE	STRUCTURE BACKFILL TYPE	REVETMENT RIPRAP	CONCRETE CLASS A FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTIONS		CONNECT TO STRUCTURE	REMARKS
	STATION	ALIGNMENT	LEFT	RIGHT	CROSS							UP STREAM	DOWN STREAM										TYPE	SLOPE	EA.	SLOPE	EA.		
			FT	FT		IN			LFT		FT	ELEV.	ELEV.		YR.				CYD	TON	CYD	EA.							
11	1110+00.7	PR-D-1			X			Existing Pipe																					
12	1111+47.3	PR-D-1		68.5		12	2	Catch Basin E-7	6		1.5	998.21	998.18	1002.28	50		7.0	2	1										Connect to Ex. Pipe
13	1111+50.0	PR-D-1	X			12	2	Catch Basin B-15	69		2.2	1000.61	999.59	1004.78	50		7.0	2	22									14	
14	1111+60.0	PR-D-1		50.0		12	2	Manhole C-4	19		3.2	998.98	998.90	1003.93	50		7.0	2	8									12	
15	1111+70.5	PR-D-1		55.0		12	2	Catch Basin B-15	8		3.3	999.65	999.54	1003.84	50		7.0	2	4									14	
16	1115+00.0	D	X			12	2	Mod. Catch Basin B-15	202		2.5	989.85	984.54	994.61	50		7.0	2	70									18	Modified by Pipe Location
17	1117+00.0	D	X			12	2	Catch Basin B-15	7		1.2	985.60	985.57	988.79	50		7.0	2	1									18	
18	1117+00.0	D	14.0			15	2	Manhole C-4	52		5.5	980.47	979.95	988.89	50		7.0	2	42									21	
19	1117+10.0	D		X		15	2	Mod. Catch Basin C-15	35		5.4	981.00	980.86	988.50	50		7.0	2	28									18	Modified by Pipe Location
20	1117+10.0	D		30.0		15	2	Catch Basin F-7	9		4.4	981.30	981.25	986.39	50		7.0	2	6									19	
21	1117+54.5	D	19.0			24	2	Manhole C-4	4		4.8	979.80	979.77	987.20	50		7.0	2	4										Field verify exist. pipe & elev.
22	1117+65.9	D		46.4		12	2	Mod. Inlet C-15	55		4.0	981.80	981.59	986.87	50		7.0	2	29									20	Modified by Pipe Location
23	1117+75.0	D		48.0		12	2	Catch Basin E-7	6		2.5	982.00	981.98	984.00	50		7.0	2	2									22	
24	1120+50.0	D	X			12	2	Catch Basin B-15	5		2.5	977.29	977.17	981.79	50		7.0	2	2									25	
25	1120+50.0	D	14.0			12	2	Manhole C-4	110		3.1	977.00	975.90	981.84	50		7.0	2	46									28	
26	1120+50.0	D		X		12	2	Catch Basin B-15	35		2.2	977.89	977.27	981.79	50		7.0	2	11									25	
27	1121+60.0	D	X			12	2	Catch Basin B-15	5		2.0	977.39	977.33	981.39	50		7.0	2	1									28	
28	1121+60.0	D	14.0			12	2	Manhole C-4	49		3.9	975.27	975.00	981.49	50		7.0	2	25									31	
29	1121+60.0	D		X		12	2	Catch Basin B-15	35		1.9	977.64	977.33	981.39	50		7.0	2	10									28	
30	1121+93.6	D		41.7		12	2	Catch Basin B-15	18		1.2	978.71	978.49	981.27	50		7.0	2	4									32	
31	1122+13.5	D	20.0			48	2	Manhole K-4	6		2.0	974.65	974.64	981.20	50		7.0	2	7										Field verify exist. pipe & elev.
32	1122+14.0	D		40.0		48	2	Manhole K-4	54		1.5	974.70	974.65	981.30	50		7.0	2	52									31	Field verify exist. pipe & elev.
33	1122+39.4	D		45.2		12	2	Catch Basin B-15	23		1.0	978.78	978.55	981.12	50		7.0	2	4									32	
34	1122+68.8	D	X			12	2	Catch Basin B-15	5		2.1	976.98	976.92	981.08	50		7.0	2	2									35	
35	1122+68.8	D	14.0			15	2	Manhole C-4	51		2.7	976.27	975.99	981.18	50		7.0	2	22									31	
36	1122+68.8	D		X		12	2	Catch Basin B-15	37		1.7	977.78	976.95	981.04	50		7.0	2	9									35	
37	1124+55.0	D		X		12	2	Mod. Inlet B-15	92		1.5	978.71	978.26	981.77	50		7.0	2	21									40	Modified by Pipe Location
38	1125+50.0	D	X			12	2	Catch Basin B-15	5		2.1	978.25	978.06	982.25	50		7.0	2	2									39	
39	1125+50.0	D	14.0			12	2	Manhole C-4	280		2.4	978.00	976.59	982.35	50		7.0	2	94									35	
40	1125+50.0	D		X		12	2	Mod. Catch Basin C-15	35		2.1	978.22	978.07	982.25	50		7.0	2	11									39	Modified by Pipe Location
41	1131+50.0	D	27.0			12	2	Manhole C-4	320		3.7	976.70	969.62	981.64	50		7.0	2	158									44	

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	268 of 278
CONTRACT	PROJECT
R-30397	0100701

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STRUCTURE DATA

NOTES:
1. CASTING ELEVATIONS FOR CURB CASTINGS ARE GIVEN AT THE EDGE OF PAVEMENT.
2. OFFSETS FOR MANHOLES AND ARE GIVEN TO THE CENTER OF THE STRUCTURE.
3. FOR CATCH BASINS TYPE B, C & F REFER TO INDOT STANDARD DRAWING FOR INLETS TYPE B, C & F AND LOWER BOTTOM OF STRUCTURE 30 INCHES.

STRUCTURE NUMBER	LOCATION					SIZE	PIPE TYPE	STRUCTURE DESCRIPTION	LENGTH	SKEW	COVER	FLOW LINE		CASTING ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL TYPE	STRUCTURE BACKFILL TYPE	REVETMENT RIPRAP	CONCRETE CLASS A FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTIONS		CONNECT TO STRUCTURE	REMARKS
	STATION	ALIGNMENT	LEFT	RIGHT	CROSS							UP STREAM	DOWN STREAM										TYPE	SLOPE	EA.	SLOPE	EA.		
			FT	FT		IN			LFT		FT	ELEV.	ELEV.		YR.				CYD	TON	CYD	EA.							
42	1131+50.0	D	X			12	2	Catch Basin C-15	8		2.9	976.95	976.81	980.99	50		7.0	2	3									41	
43	1131+50.0	D		X		12	2	Inlet B-15	38		1.3	977.99	977.18	980.99	50		7.0	2	8									42	
44	1134+72.0	D	27.0			15	2	Manhole C-4	30		3.0	969.28	968.69	974.01	50		7.0	2	14									49	
45	1134+72.0	D	X			12	2	Mod. Catch Basin C-15	8		2.5	970.23	969.79	974.03	50		7.0	2	3									44	Modified by Pipe Location
46	1134+80.0	D		X		12	2	Inlet B-15	39		1.3	970.88	970.23	973.88	50		7.0	2	8									45	
47	1134+92.3	D		58.2		12	2	Catch Basin B-15	8		2.7	969.57	969.35	973.77	50		7.0	2	3									48	
48	1135+05.1	D		58.0		36	2	Manhole J-4	6		3.7	966.38	966.00	973.59	50		7.0	2	7										Field verify exist. pipe & elev.
49	1135+06.6	D	25.0			36	2	Manhole K-4	7		4.4	965.50	965.48	973.57	50		7.0	2	9										Field verify exist. pipe & elev.
50	1135+22.2	D		54.4		12	2	Catch Basin B-15	13		2.3	969.82	969.49	973.42	50		7.0	2	4									48	
51	1135+55.0	D	27.0			18	2	Manhole C-4	44		3.8	967.90	967.68	973.66	50		7.0	2	28									49	
52	1135+55.0	D	X			12	2	Catch Basin C-15	4		2.9	969.06	968.93	973.19	50		7.0	2	2									51	
53	1135+55.0	D		X		12	2	Mod. Inlet C-15	38		1.1	970.20	969.77	973.19	50		7.0	2	7									52	Modified by Pipe Location
54	1136+25.0	D		X		12	2	Mod. Inlet B-15	67		0.9	970.61	970.24	973.63	50		7.0	2	11									53	Modified by Pipe Location
55	1138+25.0	D	27.0			15	2	Manhole C-4	266		4.0	970.91	968.21	975.82	50		7.0	2	158									51	
56	1138+25.0	D	X			12	2	Catch Basin C-15	4		2.8	971.39	971.25	975.34	50		7.0	2	2									55	
57	1138+25.0	D		X		12	2	Inlet B-15	38		1.3	972.34	971.53	975.34	50		7.0	2	8									56	
58	1140+55.3	D		34.0		12	2	Inlet B-15	20		2.4	974.48	974.26	977.67	50		7.0	2	7									59	
59	1140+75.0	D		34.0		12	2	Mod. Catch Basin C-15	19		2.5	973.90	973.54	977.81	50		7.0	2	7									60	Modified by Pipe Location
60	1140+85.0	D		14.0		15	2	Manhole C-4	349		2.2	973.04	971.64	977.74	50		7.0	2	125									62	
61	1144+38.0	D	X			12	2	Catch Basin B-15	31		1.5	972.83	971.87	975.90	50		7.0	2	7									62	
62	1144+38.0	D		14.0		18	2	Manhole C-4	188		2.0	971.37	970.37	976.00	50		7.0	2	71									67	
63	1144+38.0	D		X		12	2	Mod. Catch Basin C-15	3		1.8	972.18	971.93	975.90	50		7.0	2	1									62	Modified by Pipe Location
64	1144+57.6	D		40.0		12	2	Mod. Inlet C-15	25		1.7	972.80	972.63	976.05	50		7.0	2	6									63	Modified by Pipe Location
65	1144+76.3	D		40.0		12	2	Inlet B-15	19		2.1	973.04	972.94	976.03	50		7.0	2	6									64	
66	1146+30.0	D	X			12	2	Catch Basin B-15	31		1.6	971.78	970.82	974.88	50		7.0	2	8									67	
67	1146+30.0	D		14.0		18	2	Manhole C-4	106		2.1	970.37	969.82	974.99	50		7.0	2	41									70	
68	1146+30.0	D		X		12	2	Catch Basin B-15	3		1.9	970.98	970.85	974.88	50		7.0	2	1									67	
69	1147+39.8	D	X			12	2	Catch Basin B-15	31		1.6	971.26	970.40	974.42	50		7.0	2	8									70	
70	1147+39.8	D		14.0		18	2	Manhole C-4	81		3.1	969.82	969.41	974.52	50		7.0	2	43										Connect to Ex. MH
71	1147+39.8	D		X		12	2	Catch Basin B-15	3		1.8	970.64	970.49	974.42	50		7.0	2	1									70	
72	1148+22.0	D		14.0				Existing Manhole						974.92				2	0										

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	269 of 278
CONTRACT	PROJECT
R-30397	0100701

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STRUCTURE DATA

NOTES:
1. CASTING ELEVATIONS FOR CURB CASTINGS ARE GIVEN AT THE EDGE OF PAVEMENT.
2. OFFSETS FOR MANHOLES AND ARE GIVEN TO THE CENTER OF THE STRUCTURE.
3. FOR CATCH BASINS TYPE B, C & F REFER TO INDOT STANDARD DRAWING FOR INLETS TYPE B, C & F AND LOWER BOTTOM OF STRUCTURE 30 INCHES.

STRUCTURE NUMBER	LOCATION					SIZE	PIPE TYPE	STRUCTURE DESCRIPTION	LENGTH	SKEW	COVER	FLOW LINE		CASTING ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL TYPE	STRUCTURE BACKFILL TYPE	REVETMENT RIPRAP	CONCRETE CLASS A FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTIONS		CONNECT TO STRUCTURE	REMARKS
	STATION	ALIGNMENT	LEFT	RIGHT	CROSS							UP STREAM	DOWN STREAM										TYPE	SLOPE	EA.	SLOPE	EA.		
			FT	FT		IN			LFT		FT	ELEV.	ELEV.		YR.				CYD	TON	CYD	EA.							
73	1150+25.0	D		14.0				Existing Manhole						975.46				2	0										No Change
74	1152+08.0	D	X			12	2	Catch Basin B-15	33		1.8	971.38	970.66	974.81	50		7.0	2	9									75	
75	1152+08.0	D		14.0		24	2	Manhole C-4	96		3.7	969.12	968.61	974.95	50		7.0	2	71										Connect to Ex. Pipe
76	1152+08.0	D		X		12	2	Catch Basin B-15	5		1.9	970.96	970.80	974.81	50		7.0	2	1									75	
77	1152+80.0	D	X			12	2	Catch Basin B-15	32		1.8	971.52	970.83	975.00	50		7.0	2	9									78	
78	1152+80.0	D		14.0		18	2	Manhole C-4	68		2.7	969.93	969.64	975.11	50		7.0	2	32									75	
79	1152+80.0	D		X		12	2	Catch Basin B-15	4		1.9	971.10	970.97	975.00	50		7.0	2	1									78	
80	1154+50.0	D	X			12	2	Catch Basin B-15	31		1.7	972.26	971.57	975.60	50		7.0	2	8									81	
81	1154+50.0	D		14.0		15	2	Manhole C-4	166		2.5	971.04	970.19	975.70	50		7.0	2	66									78	
82	1154+50.0	D		X		12	2	Catch Basin B-15	3		1.9	971.71	971.59	975.60	50		7.0	2	1									81	
83	1156+50.0	D	X			12	2	Inlet B-15	38		1.3	973.13	972.72	976.30	50		7.0	2	8									84	
84	1156+50.0	D		X		12	2	Mod. Catch Basin C-15	197		2.1	972.29	971.29	976.30	50		7.0	2	59									81	Modified by Pipe Location
85	Not Used																												
86	1159+00.0	D	X			12	2	Mod. Catch Basin C-15	30		3.9	971.38	970.83	977.18	50		7.0	2	16									85	Modified by Pipe Location
87	1159+00.0	D		X		12	2	Mod. Inlet C-15	38		2.9	972.64	971.83	977.18	50		7.0	2	15									86	Modified by Pipe Location
88	1160+30.0	D		X		12	2	Mod. Inlet B-15	127		1.8	974.22	972.92	977.63	50		7.0	2	34									87	Modified by Pipe Location
89	1162+95.0	D		X		12	2	Mod. Catch Basin B-15	131		1.8	974.11	972.22	977.20	50		7.0	2	35									91	Modified by Pipe Location
90	1164+30.0	D	X			12	2	Catch Basin B-15	31		1.9	973.50	972.13	976.72	50		7.0	2	9									91	
91	1164+30.0	D		14.0		15	2	Manhole J-4	26		2.6	971.90	971.77	976.82	50		7.0	2	11									94	
92	1164+30.0	D		X		12	2	Catch Basin B-15	3		2.5	972.17	972.15	976.72	50		7.0	2	1									91	
93	1164+43.3	D		38.3		12	2	Catch Basin B-15	11		2.3	973.30	972.66	976.93	50		7.0	2	4									94	
94	1164+58.0	D		30.0		72	2	Manhole L-4	3		11.1	959.03	959.00	976.74	50		7.0	2	18										Connect & Field verify exist pipe & elev.
95	1164+67.7	D		38.0		12	2	Catch Basin B-15	7		2.4	973.14	972.66	976.79	50		7.0	2	2									94	
96	1165+70.0	D		X		12	2	Mod. Inlet B-15	97		1.1	973.09	972.49	976.21	50		7.0	2	18									97	Modified by Pipe Location
97	1166+70.0	D		X		15	2	Mod. Catch Basin C-15	37		2.1	971.57	970.91	975.75	50		7.0	2	13									98	Modified by Pipe Location
98	1166+90.0	D	14.0			15	2	Manhole C-4	153		3.2	970.23	969.45	975.65	50		7.0	2	75									102	
99	1166+90.0	D	X			12	2	Catch Basin B-15	3		2.2	971.55	971.30	975.76	50		7.0	2	1									98	
100	1167+92.0	D		X		12	2	Mod. Inlet B-15	52		1.2	972.05	971.54	975.17	50		7.0	2	10									103	Modified by Pipe Location
101	1168+47.0	D	X			12	2	Catch Basin B-15	3		2.0	971.13	971.00	975.05	50		7.0	2	1									102	
102	1168+47.0	D	14.0			18	2	Manhole C-4	112		3.9	969.17	968.59	975.15	50		7.0	2	72									105	
103	1168+47.0	D		X		12	2	Mod. Catch Basin C-15	31		1.9	971.42	970.80	975.05	50		7.0	2	9									102	Modified by Pipe Location

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	270 of 278
CONTRACT	PROJECT
R-30397	0100701

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STRUCTURE DATA

NOTES:
1. CASTING ELEVATIONS FOR CURB CASTINGS ARE GIVEN AT THE EDGE OF PAVEMENT.
2. OFFSETS FOR MANHOLES AND ARE GIVEN TO THE CENTER OF THE STRUCTURE.
3. FOR CATCH BASINS TYPE B, C & F REFER TO INDOT STANDARD DRAWING FOR INLETS TYPE B, C & F AND LOWER BOTTOM OF STRUCTURE 30 INCHES.

STRUCTURE NUMBER	LOCATION					SIZE	PIPE TYPE	STRUCTURE DESCRIPTION	LENGTH	SKEW	COVER	FLOW LINE		CASTING ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL TYPE	STRUCTURE BACKFILL TYPE	REVETMENT RIPRAP	CONCRETE CLASS A FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTIONS		CONNECT TO STRUCTURE	REMARKS
	STATION	ALIGNMENT	LEFT	RIGHT	CROSS							UP STREAM	DOWN STREAM																
			FT	FT		IN			LFT		FT	ELEV.	ELEV.		YR.				CYD	TON	CYD	EA.	TYPE	SLOPE	EA.	SLOPE	EA.		
104	1169+47.5	D		35.0		12	2	Inlet B-15	34		2.1	972.29	971.93	975.16	50		7.0	2	10									106	
105	1169+63.0	D	14.0			36	2	Manhole J-4	7		8.0	963.83	963.82	975.48	50		7.0	2	15										Field verify exist. pipe & elev.
106	1169+79.1	D		45.0		12	2	Mod. Catch Basin C-15	59		2.2	971.80	971.49	975.17	50		7.0	2	18									108	Modified by Pipe Location
107	1170+00.0	D	X			12	2	Catch Basin B-15	3		1.9	971.73	971.48	975.51	50		7.0	2	1									108	
108	1170+00.0	D	14.0			18	2	Manhole J-4	32		3.2	969.89	969.70	975.61	50		7.0	2	17									105	
109	1170+36.0	D		X		12	2	Mod. Catch Basin B-15	30		2.4	971.43	971.09	975.81	50		7.0	2	10									112	Modified by Pipe Location
110	1170+70.0	D	X			12	2	Catch Basin B-15	3		2.2	971.61	971.55	975.76	50		7.0	2	1									111	
111	1170+70.0	D	14.0			18	2	Manhole C-4	66		2.9	970.45	970.12	975.85	50		7.0	2	33									108	
112	1170+70.0	D		X		12	2	Manhole C-4	30		2.5	971.43	971.09	975.75	50		7.0	2	10									111	
113	1171+08.0	D		X		12	2	Mod. Catch Basin B-15	34		1.9	972.32	971.56	976.03	50		7.0	2	9									112	Modified by Pipe Location
114	1171+60.0	D	14.0			15	2	Manhole C-4	88		2.6	971.31	970.88	976.17	50		7.0	2	36									111	
115	1171+60.0	D		X		12	2	Catch Basin B-15	31		1.5	973.22	971.85	976.07	50		7.0	2	7									114	
116	1172+50.0	D	14.0			12	2	Manhole C-4	86		2.5	972.03	971.58	976.53	50		7.0	2	30									114	
117	1172+50.0	D		X		12	2	Catch Basin B-15	31		1.6	973.40	972.16	976.43	50		7.0	2	8									116	
118	1172+85.0	D	X			12	2	Mod. Catch Basin B-15	32		1.8	973.45	972.03	976.72	50		7.0	2	9									116	Modified by Pipe Location
119	1174+10	D	X			12	2	Catch Basin B-15	18		1.6	973.91	973.82	977.33	50		7.0	2	4									120	Modified by Pipe Location
120	1174+20.0	D	5.5			15	2	Manhole C-4	186		3.4	973.25	972.32	977.64	50		7.0	2	96									122A	
121	1174+43.0	D		X		12	2	Mod. Catch Basin B-15	35		1.7	974.04	973.86	977.46	50		7.0	2	9									120	
122	1175+99.2	D		40.5		12	2	Inlet B-15	23		2.0	974.89	974.64	977.71	50		7.0	2	10									123	
122A	1176+10.0	D	6.4			60	2	Manhole E-4	6		9.6	961.90	961.80	978.19	50		7.0	2	26										Field verify exist. pipe & elev.
123	1176+21.4	D		38.2		12	2	Mod. Catch Basin C-15	42		2.9	974.34	973.88	977.63	50		7.0	2	17									122A	Modified by Pipe Location
124	1177+16.7	D	X			12	2	Catch Basin B-15	12		1.7	974.19	973.95	977.59	50		7.0	2	3									125	
125	1177+16.7	D		5.5		18	2	Manhole C-4	101		6.2	970.08	969.57	977.86	50		7.0	2	101									122A	
126	1177+16.7	D		X		12	2	Mod. Catch Basin C-15	23		1.8	974.00	973.54	977.59	50		7.0	2	6									125	Modified by Pipe Location
127	1177+72.0	D		X		12	2	Mod. Inlet B-15	52		1.2	974.65	974.10	977.71	50		7.0	2	10									126	Modified by Pipe Location
128	1178+85.0	D	X			12	2	Catch Basin B-15	12		1.8	974.85	974.61	978.04	50		7.0	2	3									129	
129	1178+85.0	D		5.5		15	2	Manhole C-4	165		5.0	971.19	970.37	978.31	50		7.0	2	122									125	
130	1178+86.0	D		X		15	2	Mod. Inlet C-15	23		2.2	973.77	973.31	978.05	50		7.0	2	8									129	Modified by Pipe Location
131	1180+00.0	D		X		12	2	Mod. Inlet B-15	111		1.1	975.29	974.72	978.39	50		7.0	2	21									130	Modified by Pipe Location
132	1183+10.0	D	X			12	2	Catch Basin B-15	39		1.5	974.47	973.71	977.60	50		7.0	2	9									133	
133	1183+40.0	D		5.5		15	2	Manhole C-4	48		2.0	973.46	973.27	977.82	50		7.0	2	16									135	

Clark Dietz
ENGINEERS

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CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	271 of 278
CONTRACT	PROJECT
R-30397	0100701

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STRUCTURE DATA

NOTES:
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STRUCTURE NUMBER	LOCATION					SIZE	PIPE TYPE	STRUCTURE DESCRIPTION	LENGTH	SKEW	COVER	FLOW LINE		CASTING ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL TYPE	STRUCTURE BACKFILL TYPE	REVETMENT RIPRAP	CONCRETE CLASS A FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTIONS		CONNECT TO STRUCTURE	REMARKS
	STATION	ALIGNMENT	LEFT	RIGHT	CROSS							UP STREAM	DOWN STREAM																
			FT	FT		IN			LFT		FT	ELEV.	ELEV.		YR.				CYD	TON	CYD	EA.	TYPE	SLOPE	EA.	SLOPE	EA.		
134	1183+40.0	D		X		12	2	Catch Basin B-15	12		1.7	974.15	973.69	977.55	50		7.0	2	3									133	
135	1183+92.0	D		6.0		15	2	Manhole C-4	112		2.2	973.11	972.67	977.63	50		7.0	2	40									139	
136	1183+92.0	D		X		12	2	Catch Basin B-15	3		2.0	973.51	973.50	977.53	50		7.0	2	1									135	
137	1185+05.0	D	X			12	2	Catch Basin B-15	25		1.5	973.73	973.18	976.91	50		7.0	2	6									139	
138	1185+08.0	D		X		12	2	Catch Basin B-15	3		2.2	972.92	972.85	977.12	50		7.0	2	1									139	
139	1185+10.0	D		5.5		24	2	Manhole D-4	134		2.3	971.77	971.50	977.23	50		7.0	2	69									142	
140	1185+27.0	D		40.0		12	2	Mod. Catch Basin C-15	34		3.0	973.17	972.83	977.56	50		7.0	2	14									139	
141	1185+50.7	D		48.0		12	2	Inlet B-15	21		3.3	973.53	973.17	977.54	50		7.0	2	9									140	Modified by Pipe Location
142	Not Used																	2	0										
143	1186+02.5	D		X		12	2	Mod. Inlet B-15	44		1.0	973.68	973.45	976.77	50		7.0	2	8									146	Modified by Pipe Location
144	1186+44.0	D	X			12	2	Catch Basin B-15	25		1.4	973.33	972.77	976.36	50		7.0	2	6									145	
145	1186+50.0	D		4.0		24	2	Manhole C-4	103		2.0	971.41	971.20	976.69	50		7.0	2	48									149	
146	1186+50.0	D		X		12	2	Mod. Catch Basin C-15	5		1.5	973.12	973.02	976.55	50		7.0	2	1									145	Modified by Pipe Location
147	1187+52.0	PR-D-2	X			12	2	Catch Basin B-15	28		1.4	972.93	971.85	975.65	50		7.0	1	6									149	
148	1187+55.0	PR-D-2		X		12	2	Mod. Catch Basin B-15	8		1.8	972.57	971.91	976.02	50		7.0	1	2									149	Modified by Pipe Location
149	1187+62.0	PR-D-2		3.4		24	2	Manhole D-4	84		2.7	971.06	970.89	976.15	50		7.0	1	49									151	
149A	1187+63.0	PR-D-2		X		12	2	Pipe	6		0.5	973.04	973.00		50		7.0	1	1									149	Connect & Field verify exist pipe & elev.
150	1188+32.0	PR-D-2	X			12	2	Catch Basin B-15	32		2.1	972.05	971.73	974.72	50		7.0	1	10									151	
151	1188+42.5	PR-D-2	30.0			15	2	Manhole L-4	6		3.7	970.70	970.64	976.20	50		7.0	1	3										Connect & Field verify exist pipe & elev.
152	1188+42.5	PR-D-2	X			12	2	Mod. Catch Basin C-15	13		2.6	972.31	971.37	975.69	50		7.0	1	5									151	Modified by Pipe Location
153	1188+42.5	PR-D-2		X		12	2	Inlet B-15	22		1.1	972.65	972.43	975.69	50		7.0	1	4									152	
154	1188+46.0	PR-D-2	28.1			18	2	Pipe	29		4.1	970.20	969.93		50		7.0	1	20									154A	Outlet from Str. No. 151
154A	1188+72.0	PR-D-2	22.0			18	2	Manhole C-4	170		5.0	969.80	968.97	976.13	50		7.0	1	138									239	
155	1188+96.2	PR-D-2	48.0			12	2	Mod. Catch Basin C-15	35		4.9	970.15	969.80	975.56	50		7.0	1	23									154A	Modified by Pipe Location
156	1189+50.0	PR-D-2	X			12	2	Mod. Inlet B-15	66		3.8	970.86	970.20	976.21	50		7.0	1	33									155	Modified by Pipe Location
157	1191+82.0	PR-D-2	X			12	2	Inlet B-15	22		1.1	972.38	972.14	975.46	50		7.0	1	4									158	
158	1191+82.0	PR-D-2		X		12	2	Catch Basin C-15	68		2.0	972.06	971.38	975.46	50		7.0	1	20									244	
159	1204+20.0	PR-C-3	X			12	2	Catch Basin B-15	40		1.7	968.49	967.29	971.56	50		7.0	2	10									160	
160	1204+20.0	PR-C-3		18.0		12	2	Manhole C-4	286		2.4	966.98	955.57	971.68	50		7.0	2	96									163	
161	1204+20.0	PR-C-3		X		12	2	Catch Basin B-15	4		8.3	967.60	967.40	971.56	50		7.0	2	5									160	
162	1207+09.0	PR-C-3	X			12	2	Catch Basin B-15	40		1.6	956.70	955.58	959.80	50		7.0	2	10									163	

Clark Dietz
ENGINEERS

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CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	272 of 278
CONTRACT	PROJECT
R-30397	0100701

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STRUCTURE DATA

NOTES:
1. CASTING ELEVATIONS FOR CURB CASTINGS ARE GIVEN AT THE EDGE OF PAVEMENT.
2. OFFSETS FOR MANHOLES AND ARE GIVEN TO THE CENTER OF THE STRUCTURE.
3. FOR CATCH BASINS TYPE B, C & F REFER TO INDOT STANDARD DRAWING FOR INLETS TYPE B, C & F AND LOWER BOTTOM OF STRUCTURE 30 INCHES.

STRUCTURE NUMBER	LOCATION					SIZE	PIPE TYPE	STRUCTURE DESCRIPTION	LENGTH	SKEW	COVER	FLOW LINE		CASTING ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL TYPE	STRUCTURE BACKFILL TYPE	REVETMENT RIPRAP	CONCRETE CLASS A FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTIONS		CONNECT TO STRUCTURE	REMARKS
	STATION	ALIGNMENT	LEFT	RIGHT	CROSS							UP STREAM	DOWN STREAM										TYPE	SLOPE	EA.	SLOPE	EA.		
			FT	FT		IN			LFT		FT	ELEV.	ELEV.		YR.				CYD	TON	CYD	EA.							
163	1207+09.0	PR-C-3		18.0		15	2	Manhole C-4	167		2.3	955.27	949.42	959.92	50		7.0	2	62									165	
164	1207+09.0	PR-C-3		X		12	2	Catch Basin B-15	4		2.1	956.01	955.72	959.80	50		7.0	2	1									163	
165	1208+80.0	PR-C-3		18.0		15	2	Manhole D-4	21		2.5	949.19	948.72	954.08	50		7.0	2	8										Field verify exist. pipe & elev.
165A	70+73.2	NH10	36.7					Existing Inlet						950.84				2	0										Field verify exist. pipe & elev.
166	1208+90.0	PR-C-3		X		12	2	Mod. Catch Basin B-15	10		1.8	950.51	949.73	953.68	50		7.0	2	3									165	Modified by Pipe Location
167	71+15.0	NH10		X		12	2	Mod. Catch Basin B-15	11		1.8	947.64	946.78	951.24	50		7.0	2	3									168	Modified by Pipe Location
167A	71+28.6	NH10		8.2		12	2	Pipe	6		2.8	946.50	946.47		50		7.0	2	2									168	Field verify exist. pipe & elev.
168	71+32.0	NH10	0.7			18	2	Manhole D-4	6		2.7	944.38	944.36	950.98	50		7.0	2	3										Field verify exist. pipe & elev.
169	71+65.1	NH10		22.3		12	2	Catch Basin B-15	35		2.1	947.73	946.84	950.72	50		7.0	2	11									168	
170	72+40.0	NH10			X	12	2	Mod. Catch Basin B-15	91		1.6	945.75	943.37	949.03	50		7.0	2	22									172	Modified by Pipe Location
171	1211+07.0	PR-C-3	X			12	2	Catch Basin B-15	67		1.8	944.70	943.30	948.32	50		7.0	2	18									172	
172	73+35.0	NH10	6.0			15	2	Manhole J-4	90		2.0	943.11	941.69	947.47	50		7.0	2	30									174	
173	73+35.0	NH10			X	12	2	Catch Basin B-15	4		2.3	943.20	943.16	947.35	50		7.0	2	1									172	
174	1212+40.0	PR-C-3		22.0		15	2	Manhole C-4	106		2.1	941.69	939.69	946.05	50		7.0	2	37									176	
175	1212+40.0	PR-C-3		X		12	2	Catch Basin B-15	5		1.9	942.11	941.95	945.89	50		7.0	2	1									174	
176	1213+50.0	PR-C-3		18.0		18	2	Manhole K-4	71		2.3	939.32	937.96	944.26	50		7.0	2	30									179	
177	1213+50.0	PR-C-3		X		12	2	Catch Basin B-15	3		1.9	940.33	940.11	944.16	50		7.0	2	1									176	
178	1213+72.0	PR-C-3	X			12	2	Catch Basin B-15	45		1.5	940.70	940.11	943.76	50		7.0	2	11									176	
179	1214+25.0	PR-C-3		18.0		18	2	Manhole C-4	32		2.7	937.47	936.53	942.71	50		7.0	2	15									183	
180	1214+25.0	PR-C-3		X		12	2	Catch Basin B-15	4		1.8	938.85	938.63	942.59	50		7.0	2	1									179	
181	1214+50.0	PR-C-3	48.0			15	2	Mod. Catch Basin C-15	59		2.5	937.68	937.36	941.68	50		7.0	2	23									183	Modified by Pipe Location
182	1214+51.1	PR-C-3		53.2		12	2	Mod. Catch Basin C-15	36		2.7	938.18	937.78	942.47	50		7.0	2	13									183	Modified by Pipe Location
183	1214+60.3	PR-C-3		14.3		18	2	Manhole J-4	206		2.8	936.10	928.54	941.85	50		7.0	2	100									188	
184	1214+79.8	PR-C-3	47.0			12	2	Inlet B-15	25		2.5	938.08	937.95	941.15	50		7.0	2	9									181	
185	1214+80.0	PR-C-3		45.6		12	2	Inlet B-15	26		2.7	938.53	938.25	941.66	50		7.0	2	10									182	
186	1216+33.6	PR-C-3		X		12	2	Catch Basin B-15	40		1.4	932.24	929.48	934.99	50		7.0	2	9									188	
187	1216+70.0	PR-C-3	X			12	2	Catch Basin B-15	50		1.5	930.17	929.50	933.13	50		7.0	2	12									188	
188	1216+70.0	PR-C-3		20.0		18	2	Manhole C-4	116		3.0	927.81	922.01	933.63	50		7.0	2	60									189	
189	1217+90.0	PR-C-3		23.4		18	2	Manhole C-4	66		2.7	921.90	920.23	927.41	50		7.0	2	31									192	
190	1217+90.0	PR-C-3		X		12	2	Catch Basin C-15	22		1.8	923.77	922.76	926.93	50		7.0	2	6									189	
190A	1217+90.0	PR-C-3		60.7		12	2	15" Pipe Catch Basin	11		3.1	924.82	924.30	931.30	50		7.0	2	5									190	

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

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INDIANA
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ROAD SUMMARY OF QUANTITIES
STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	273 of 278
CONTRACT	PROJECT
R-30397	0100701

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STRUCTURE DATA

NOTES:
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2. OFFSETS FOR MANHOLES AND ARE GIVEN TO THE CENTER OF THE STRUCTURE.
3. FOR CATCH BASINS TYPE B, C & F REFER TO INDOT STANDARD DRAWING FOR INLETS TYPE B, C & F AND LOWER BOTTOM OF STRUCTURE 30 INCHES.

STRUCTURE NUMBER	LOCATION					SIZE	PIPE TYPE	STRUCTURE DESCRIPTION	LENGTH	SKEW	COVER	FLOW LINE		CASTING ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL TYPE	STRUCTURE BACKFILL TYPE	REVETMENT RIPRAP	CONCRETE CLASS A FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTIONS		CONNECT TO STRUCTURE	REMARKS
	STATION	ALIGNMENT	LEFT	RIGHT	CROSS							UP STREAM	DOWN STREAM																
			FT	FT		IN			LFT		FT	ELEV.	ELEV.		YR.				CYD	TON	CYD	EA.	TYPE	SLOPE	EA.	SLOPE	EA.		
191	1218+24.0	PR-C-3	X			12	2	Catch Basin B-15	66		0.8	922.97	922.07	926.09	50		7.0	2	10									192	
192	1218+59.7	PR-C-3		25.3		18	2	Manhole C-4	6		3.7	919.75	919.45	925.27	50		7.0	2	4										Connect & Field verify exist pipe & elev.
193	49+28.0	PRS121		17.3		12	2	Catch Basin B-15	35		2.9	922.59	921.38	926.17	50		7.0	2	14									194	
194	49+28.0	PRS121	22.0			12	2	Manhole C-4	95		3.0	921.29	919.39	925.57	50		7.0	2	39									195	
195	1219+15.0	PR-C-3		26.6		18	2	Manhole C-4	6		5.6	916.93	916.63	924.28	50		7.0	2	5										Connect & Field verify exist pipe & elev.
196	49+28.0	PRS121	31.9			12	2	Catch Basin B-15	6		2.9	921.62	921.36	925.49	50		7.0	2	2									194	
197	1220+20.0	PR-C-3	X			12	2	Catch Basin B-15	69		1.3	920.59	919.77	923.60	50		7.0	2	15									198	
198	1220+62.0	PR-C-3		22.0		12	2	Manhole C-4	114		1.9	919.72	919.15	926.64	50		7.0	2	32									201	
199	1220+62.0	PR-C-3		X		12	2	Catch Basin B-15	6		1.6	919.88	919.76	923.44	50		7.0	2	1									198	
200	1221+65.0	PR-C-3	X			12	2	Catch Basin B-15	56		1.5	920.04	919.03	923.04	50		7.0	2	13									201	
201	1221+80.0	PR-C-3		24.0		15	2	Manhole C-4	160		2.4	918.77	917.18	923.14	50		7.0	2	61									204	
202	1221+80.0	PR-C-3		X		12	2	Catch Basin B-15	6		1.7	919.35	919.17	922.98	50		7.0	2	2									201	
203	1223+25.0	PR-C-3	X			12	2	Catch Basin B-15	57		1.6	919.08	917.95	922.15	50		7.0	2	14									204	
204	1223+45.0	PR-C-3		24.0		15	2	Manhole D-4	15		5.8	914.75	914.60	922.17	50		7.0	2	13										Connect & Field verify exist pipe & elev.
205	1223+45.0	PR-C-3		X		12	2	Catch Basin B-15	5		4.5	915.68	915.30	922.01	50		7.0	2	3									204	
206	1168+00.0	C		X		12	2	Catch Basin C-15	92		3.7	971.37	970.42	976.97	50		7.0	2	45									209	
207	1168+00.0	C		19.6		12	2	15" Pipe Catch Basin	2		1.2	974.32	974.30	977.00	50		7.0	2	0									206	
208	1168+90.0	C	X			12	2	Mod. Inlet B-15	53		4.0	970.66	970.07	976.46	50		7.0	2	28									212	Modified by Pipe Location
209	1168+95.0	C		X		12	2	Mod. Inlet C-15	42		4.2	970.36	969.91	976.44	50		7.0	2	23									211	Modified by Pipe Location
210	1169+40.0	C	1.5			15	2	Manhole J-4	36		5.2	969.41	968.96	976.65	50		7.0	2	28									217	
211	1169+40.0	C		X		12	2	Mod. Catch Basin C-15	14		4.8	969.81	969.43	976.38	50		7.0	2	9									210	Modified by Pipe Location
212	1169+46.0	C	X			12	2	Mod. Catch Basin C-15	17		4.7	970.01	969.43	976.32	50		7.0	2	11									210	Modified by Pipe Location
213	1169+62.4	C	50.0			12	2	Catch Basin B-15	13		3.8	971.01	970.96	976.19	50		7.0	2	7									216	Modified by Pipe Location
214	1169+62.6	C		48.0		12	2	Mod. Catch Basin C-15	13		4.1	971.20	970.47	976.20	50		7.0	2	7									218	Modified by Pipe Location
215	1169+64.0	C		70.0		12		Slotted Drain	20		1.1	974.66	974.16	976.66	50		7.0	2	4									214	
216	1169+80.0	C	50.0			36	2	Manhole J-4	6		7.2	965.09	965.07	976.43	50		7.0	2	12										Connect & Field verify exist pipe & elev.
217	1169+80.7	C	5.5			36	2	Manhole K-4	9		7.6	965.30	965.25	976.74	50		7.0	2	18										Connect & Field verify exist pipe & elev.
218	1169+80.0	C		48.0		36	2	Manhole J-4	6		7.6	965.48	965.46	976.65	50		7.0	2	12										Connect & Field verify exist pipe & elev.
219	1169+99.3	C	50.0			12	2	Catch Basin B-15	15		2.3	972.58	972.22	976.09	50		7.0	2	5									216	
220	1169+99.3	C		47.5		12	2	Catch Basin B-15	15		2.2	973.10	972.47	976.28	50		7.0	2	5									218	
221	1170+35.5	C		24.6		0.5' x 2'		Trench Drain	40		0.3	974.86	974.47	976.96	50		7.0	2	4									225	See Trench Drain Detail on Spot Elevations

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	274 of 278
CONTRACT	PROJECT
R-30397	0100701

1:05:13 PM 8/26/2016 P:\0170190\Plans\Tables\StrData_Tbl_07.dgn

STRUCTURE DATA

NOTES:
1. CASTING ELEVATIONS FOR CURB CASTINGS ARE GIVEN AT THE EDGE OF PAVEMENT.
2. OFFSETS FOR MANHOLES AND ARE GIVEN TO THE CENTER OF THE STRUCTURE.
3. FOR CATCH BASINS TYPE B, C & F REFER TO INDOT STANDARD DRAWING FOR INLETS TYPE B, C & F AND LOWER BOTTOM OF STRUCTURE 30 INCHES.

STRUCTURE NUMBER	LOCATION					SIZE	PIPE TYPE	STRUCTURE DESCRIPTION	LENGTH	SKEW	COVER	FLOW LINE		CASTING ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL TYPE	STRUCTURE BACKFILL TYPE	REVETMENT RIPRAP	CONCRETE CLASS A FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTIONS		CONNECT TO STRUCTURE	REMARKS
	STATION	ALIGNMENT	LEFT	RIGHT	CROSS							UP STREAM	DOWN STREAM																
			FT	FT		IN			LFT		FT	ELEV.	ELEV.		YR.				CYD	TON	CYD	EA.	TYPE	SLOPE	EA.	SLOPE	EA.		
222	1170+65.0	C	X			12	2	Catch Basin B-15	11		1.7	973.32	973.02	976.75	50		7.0	2	3									223	
223	1170+65.0	C	5.5			15	2	Manhole J-4	79		5.0	969.78	969.36	977.15	50		7.0	2	58									217	
224	1170+75.0	C		X		12	2	Catch Basin B-15	25		3.9	971.25	970.97	976.18	50		7.0	2	13									223	
225	1170+75.0	C		24.5		12	2	Pipe	3		1.0	974.47	974.44		50		7.0	2	1									224	
226	1170+80.4	C		24.7		0.5' x 2'		Trench Drain	6		0.5	974.52	974.47	977.10	50		7.0	2	1									225	See Trench Drain Detail on Spot Elevations
227	1171+50.0	C	X			12	2	Catch Basin B-15	12		1.7	973.87	973.28	977.19	50		7.0	2	3									228	
228	1171+50.0	C	5.5			12	2	Manhole C-4	81		5.0	970.31	970.03	977.46	50		7.0	2	54									223	
229	1171+50.0	C		X		12	2	Catch Basin B-15	23		3.1	970.63	970.40	977.19	50		7.0	2	10									228	
230	1187+00.0	C	X			12	2	Catch Basin B-15	27		1.7	972.82	972.23	976.31	50		7.0	2	7									231	
231	1187+00.0	C		12.5		12	2	Manhole C-4	152		2.2	972.10	971.32	976.38	50		7.0	2	48									235	
232	1187+00.0	C		X		12	2	Catch Basin B-15	3		1.9	972.40	972.28	976.29	50		7.0	2	1									231	
233	1187+80.0	PR-C-3	X			12	2	Mod. Inlet B-15	73		1.3	972.52	971.76	975.65	50		7.0	2	15									234	Modified by Pipe Location
234	1188+56.0	PR-C-3	X			12	2	Mod. Catch Basin C-15	27		1.9	971.79	971.20	975.42	50		7.0	2	8									235	Modified by Pipe Location
235	1188+56.0	PR-C-3		12.5		15	2	Manhole C-4	73		3.3	970.87	968.99	975.49	50		7.0	2	37									242	
236	1188+56.0	PR-C-3		X		12	2	Catch Basin B-15	3		2.0	971.46	971.34	975.40	50		7.0	2	1									235	
237	1189+08.4	PR-C-3		39.3		12	2	Inlet B-15	13		2.3	972.93	972.62	976.05	50		7.0	2	4									238	
238	1189+25.8	PR-C-3		42.3		12	2	Mod. Catch Basin C-15	27		2.2	972.50	971.71	975.93	50		7.0	2	8									242	Modified by Pipe Location
239	43+00.0	NC	20.0			18	2	Manhole J-4	146		5.2	968.80	968.04	975.51	50		7.0	2	123									242	
240	43+00.0	NC	X			12	2	Mod. Catch Basin C-15	8		4.8	969.11	968.80	975.09	50		7.0	2	5									239	Modified by Pipe Location
241	43+43.5	NC	X			12	2	Mod. Inlet B-15	40		3.6	969.70	969.10	974.97	50		7.0	2	19									240	Modified by Pipe Location
242	1189+35.0	PR-C-3		12.0		18	2	Manhole D-4	99		6.5	967.37	966.32	975.70	50		7.0	2	104									244	
243	1189+50.0	PR-C-3		X		12	2	Catch Basin B-15	17		1.6	972.02	971.73	975.49	50		7.0	2	4									242	
244	1190+40.0	PR-C-3		12.1		18	2	Manhole C-4	7		12.1	961.93	961.91	976.07	50		7.0	2	14										Connect & Field verify exist pipe & elev.
245	1190+40.0	PR-C-3		X		12	2	Catch Basin B-15	15		1.7	972.35	972.07	975.81	50		7.0	2	4									244	
246	50+75.0	PRS121	X			12	2	Catch Basin B-15	6		1.4	920.70	920.61	924.07	50		7.0	2	1									247	
247	50+75.0	PRS121	26.0			15	2	Manhole C-4	45		2.6	919.75	918.86	924.21	50		7.0	2	18									195	
248	50+85.0	PRS121		X		12	2	Catch Basin C-15	53		1.5	920.92	920.36	924.22	50		7.0	2	12									247	
249	51+01.0	PRS121		37.7		12	2	15" Pipe Catch Basin	17		2.1	921.17	921.00	925.10	50		7.0	2	5									248	
250	51+34.7	PRS121		47.9		12	2	15" Pipe Catch Basin	34		2.5	921.88	921.31	925.00	50		7.0	2	12									249	
251	51+65.0	PRS121	X			12	2	Catch Basin B-15	4		1.8	920.83	920.73	924.61	50		7.0	2	1									252	
252	51+65.0	PRS121	24.0			12	2	Manhole C-4	86		2.0	920.60	920.17	924.65	50		7.0	2	25									247	

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	275 of 278
CONTRACT	PROJECT
R-30397	0100701

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STRUCTURE DATA

NOTES:
1. CASTING ELEVATIONS FOR CURB CASTINGS ARE GIVEN AT THE EDGE OF PAVEMENT.
2. OFFSETS FOR MANHOLES AND ARE GIVEN TO THE CENTER OF THE STRUCTURE.
3. FOR CATCH BASINS TYPE B, C & F REFER TO INDOT STANDARD DRAWING FOR INLETS TYPE B, C & F AND LOWER BOTTOM OF STRUCTURE 30 INCHES.

STRUCTURE NUMBER	LOCATION					SIZE	PIPE TYPE	STRUCTURE DESCRIPTION	LENGTH	SKEW	COVER	FLOW LINE		CASTING ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL TYPE	STRUCTURE BACKFILL TYPE	REVETMENT RIPRAP	CONCRETE CLASS A FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTIONS		CONNECT TO STRUCTURE	REMARKS
	STATION	ALIGNMENT	LEFT	RIGHT	CROSS							UP STREAM	DOWN STREAM																
			FT	FT		IN			LFT		FT	ELEV.	ELEV.		YR.				CYD	TON	CYD	EA.	TYPE	SLOPE	EA.	SLOPE	EA.		
253	51+80.0	PRS121		X		12	2	Inlet B-15	44		1.6	921.51	921.07	924.93	50		7.0	2	11									252	
254	54+72.0	PRS121		X		12	2	Mod. Inlet B-15	100		0.8	922.50	922.00	925.36	50		7.0	2	16									256	Modified by Pipe Location
255	55+75.0	PRS121	X			12	2	Catch Basin C-15	7		2.4	921.50	921.46	924.87	50		7.0	2										416	
256	55+75.0	PRS121		X		12	2	Mod. Catch Basin C-15	32		2.1	921.88	921.72	924.91	50		7.0	2	10									255	Modified by Pipe Location
400	1135+06.0	D		22.9				Existing Manhole						973.49															Adjust Casting to Grade
401	1135+06.6	D	37.5					Existing Manhole						973.11															Adjust Casting to Grade
402	1147+85.0	D	17.3					Existing Manhole						974.58															Adjust Casting to Grade
403	1176+08.5	D		30.0				Existing Manhole						978.03															Adjust Casting to Grade
404	1176+10.2	D	20.6					Existing Manhole						977.93															Adjust Casting to Grade
405	1187+69.0	PR-D-2		26.0				Existing Manhole						977.78															No Change Req'd.
406	41+13.1	NC		5.0				Existing Manhole						975.56															Adjust Casting to Grade
407	1205+98.5	PR-C-3			X			Existing Manhole						964.66															Adjust Casting to Grade
408	1207+30.9	PR-C-3	36.1					Existing Manhole						958.76															Adjust Casting to Grade
409	1207+78.5	PR-C-3	54.0					Existing Manhole						957.03															Adjust Casting to Grade
410	1209+28.0	PR-C-3		36.3				Existing Manhole						952.23															Adjust Casting to Grade
411	1209+38.8	PR-C-3	42.3					Existing Manhole						951.66															Adjust Casting to Grade
412	1209+58.4	PR-C-3		46.6				Existing Manhole						951.22															Adjust Casting to Grade
413	1220+71.3	PR-C-3		30.4				Existing Manhole						923.44															Adjust Casting to Grade
414	1223+57.8	PR-C-3		35.7				Existing Manhole						922.24															Adjust Casting to Grade
415	52+31.6	PRS121		24.9				Existing Manhole						925.46															Adjust Casting to Grade
416	55+75.1	PRS121	28.1					Existing Manhole						924.88															Adjust Casting to Grade
500	1135+00.7	D		31.2				Existing Manhole						973.50															Adjust Casting to Grade
501	1144+62.4	D		26.8				Existing Manhole						975.91															Adjust Casting to Grade
502	1144+72.5	D	1.4					Existing Manhole						976.07															Adjust Casting to Grade
503	1147+75.2	D		20.8				Existing Manhole						974.46															Adjust Casting to Grade
504	1147+80.3	D	12.2					Existing Manhole						974.66															Adjust Casting to Grade
505	1156+00.0	D		13.4				Existing Manhole						976.24															Adjust Casting to Grade
506	1158+72.4	D	4.0					Existing Manhole						977.38															Adjust Casting to Grade
507	1158+78.5	D		12.0				Existing Manhole						977.24															Adjust Casting to Grade
508	1159+52.0	D	0.9					Existing Manhole						977.72															Adjust Casting to Grade
509	1159+74.9	D		14.3				Existing Manhole						977.53															Adjust Casting to Grade

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	276 of 278
CONTRACT	PROJECT
R-30397	0100701

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STRUCTURE DATA

NOTES:
1. CASTING ELEVATIONS FOR CURB CASTINGS ARE GIVEN AT THE EDGE OF PAVEMENT.
2. OFFSETS FOR MANHOLES AND ARE GIVEN TO THE CENTER OF THE STRUCTURE.
3. FOR CATCH BASINS TYPE B, C & F REFER TO INDOT STANDARD DRAWING FOR INLETS TYPE B, C & F AND LOWER BOTTOM OF STRUCTURE 30 INCHES.

STRUCTURE NUMBER	LOCATION					SIZE	PIPE TYPE	STRUCTURE DESCRIPTION	LENGTH	SKEW	COVER	FLOW LINE		CASTING ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL TYPE	STRUCTURE BACKFILL TYPE	REVETMENT RIPRAP	CONCRETE CLASS A FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTIONS		CONNECT TO STRUCTURE	REMARKS
	STATION	ALIGNMENT	LEFT	RIGHT	CROSS							UP STREAM	DOWN STREAM										TYPE	SLOPE	EA.	SLOPE	EA.		
			FT	FT		IN			LFT		FT	ELEV.	ELEV.		YR.				CYD	TON	CYD	EA.							
510	1159+86.7	D		31.5				Existing Manhole						977.30															Adjust Casting to Grade
511	1159+86.7	D		31.5				Existing Manhole						977.30															No Change Req'd.
512	1220+68.1	PR-C-3	11.9					Existing Manhole						923.82															Adjust Casting to Grade
513	1220+68.5	PR-C-3		27.4				Existing Manhole						923.51															Adjust Casting to Grade
514	1189+13.8	PR-C-3		5.3				Existing Manhole						975.81															Adjust Casting to Grade
515	51+71.4	PRS121		21.1				Existing Manhole						925.31															Adjust Casting to Grade
516	53+33.8	PRS121		24.1				Existing Manhole						926.16															Adjust Casting to Grade
									add undistributed quantity for filling in abandoned utility pipes and / or voids in underground facilities									5	500										
														avg depth (ft)	length (ft)	width (ft)													
									from pipe removal quantity			4,276	LFT	5.0	4,276.0	2.0		5	1,584										
									from inlet removal quantity			83	EACH	3.5	3.0	3.0		5	97										
									from manhole removal quantity			15	EACH	6.0	4.0	4.0		5	53										
																	Total	5	2,300										

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	277 of 278
CONTRACT	PROJECT
R-30397	0100701

1:05:25 PM 8/26/2016 P:\0170190\Plans\Tables\StrData_Tbl_10.dgn

PIPE MATERIAL TABLE

STRUCTURE NUMBER		Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	Ⓘ	Ⓙ	Ⓚ	Ⓛ	Ⓜ	Ⓝ	Ⓞ	Ⓟ	Ⓠ					
PIPE TYPE / SHAPE		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
SMOOTH PIPE SIZE		12	12	12	12	12	12	12	15	15	18	18	24	36	48	60	72	35					
CORRUGATED PIPE SIZE		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.					
RCP/RCHEP (S)	CLASS	II	II	III	III	III	III	IV	II	II	II	III	II	II	II	II	II	II					
	$D_{0.01}$ RATING	1000	1000	1350	1250	1250	1250	1500	1000	1000	1000	1250	1000	1000	1000	1000	1000	1000					
NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)		OK	OK	OK	OK				OK	OK	OK	OK	OK	OK									
CORRUGATED PE PIPE, TYPE S (S)*		OK							OK		OK		OK	OK				OK					
RIBBED PE PIPE (S)*											OK	OK	OK	OK				OK					
SMOOTH WALL PE PIPE (S)* / MAXIMUM DR		OK/26		OK/26					OK/26		OK/26	OK/26	OK/26	OK/26				OK/26					
PROFILE WALL PVC PIPE (S)		OK		OK					OK		OK	OK	OK	OK				OK					
SMOOTH WALL PVC PIPE (S)*		OK		OK					OK		OK	OK	OK										
VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)		OK	OK	OK	OK	OK			OK	OK	OK	OK	OK	OK				OK					
CORRUGATED STEEL PIPE / PIPE-ARCH: FULLY BIT. PAVED & LINED (S)	CORR. PROFILE								2 2/3" X 1/2"	2 2/3" X 1/2"	2 2/3" X 1/2"	2 2/3" X 1/2"	2 2/3" X 1/2"	2 2/3" X 1/2"				2 2/3" X 1/2"					
	THICKNESS								.109"	.109"	.109"	.109"	.109"	.109"				.109"					
ZINC COATED (C)	CORR. PROFILE																						
	THICKNESS																						
ZINC COATED W/ BPI (C)	CORR. PROFILE																						
	THICKNESS																						
ALUM. COATED TYPE 2 (C)	CORR. PROFILE																						
	THICKNESS																						
ALUM. COATED TYPE 2 W/ BPI (C)	CORR. PROFILE																						
	THICKNESS																						
POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																						
	THICKNESS																						
POLYMER PRECOATED GALVANIZED W/ BPI (C)	CORR. PROFILE																						
	THICKNESS																						
POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE										2 2/3" X 1/2"	2 2/3" X 1/2"	2 2/3" X 1/2"	2 2/3" X 1/2"									
	THICKNESS										.109"	.109"	.109"	.109"									
FIBER BONDED BITUMINOUS COATED (C)	CORR. PROFILE																						
	THICKNESS																						
FIBER BONDED BITUMINOUS COATED W/ BPI (C)	CORR. PROFILE																						
	THICKNESS																						
CORRUGATED ALUM. ALLOY PIPE (C)	CORR. PROFILE																						
	THICKNESS																						
CORRUGATED ALUM. ALLOY PIPE W/ BPI (C)	CORR. PROFILE																						
	THICKNESS																						
STR. PLATE ALUMINUM ALLOY PLATE (C)	CORR. PROFILE																						
	THICKNESS																						
STR. PLATE ALUMINUM ALLOY PLATE W/ CFP (C)	CORR. PROFILE																						
	THICKNESS																						
STR. PLATE STEEL PIPE (C)	CORR. PROFILE																						
	THICKNESS **																						
STR. PLATE STEEL PIPE W/ CFP (C)	CORR. PROFILE																						
	THICKNESS **																						

STRUCTURE NUMBER					
PIPE TYPE / SHAPE					
SMOOTH PIPE SIZE					
CORRUGATED PIPE SIZE					
RCP/RCHEP (S)	CLASS				
	$D_{0.01}$ RATING				
NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)					
CORRUGATED PE PIPE, TYPE S (S)*					
RIBBED PE PIPE (S)*					
SMOOTH WALL PE PIPE (S)* / MAXIMUM DR					
PROFILE WALL PVC PIPE (S)					
SMOOTH WALL PVC PIPE (S)*					
VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)					
CORRUGATED STEEL PIPE / PIPE-ARCH: FULLY BIT. PAVED & LINED (S)	CORR. PROFILE				
	THICKNESS				
ZINC COATED (C)	CORR. PROFILE				
	THICKNESS				
ZINC COATED W/ BPI (C)	CORR. PROFILE				
	THICKNESS				
ALUM. COATED TYPE 2 (C)	CORR. PROFILE				
	THICKNESS				
ALUM. COATED TYPE 2 W/ BPI (C)	CORR. PROFILE				
	THICKNESS				
POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE				
	THICKNESS				
POLYMER PRECOATED GALVANIZED W/ BPI (C)	CORR. PROFILE				
	THICKNESS				
POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE				
	THICKNESS				
FIBER BONDED BITUMINOUS COATED (C)	CORR. PROFILE				
	THICKNESS				
FIBER BONDED BITUMINOUS COATED W/ BPI (C)	CORR. PROFILE				
	THICKNESS				
CORRUGATED ALUM. ALLOY PIPE (C)	CORR. PROFILE				
	THICKNESS				
CORRUGATED ALUM. ALLOY PIPE W/ BPI (C)	CORR. PROFILE				
	THICKNESS				
STR. PLATE ALUMINUM ALLOY PLATE (C)	CORR. PROFILE				
	THICKNESS				
STR. PLATE ALUMINUM ALLOY PLATE W/ CFP (C)	CORR. PROFILE				
	THICKNESS				
STR. PLATE STEEL PIPE (C)	CORR. PROFILE				
	THICKNESS **				
STR. PLATE STEEL PIPE W/ CFP (C)	CORR. PROFILE				
	THICKNESS **				

Ⓐ	14, 15, 22, 24, 25, 28, 39, 41, 47, 52, 86, 87, 92, 97, 110, 112, 116, 160, 175, 182, 190A, 194, 198, 205, 228, 231, 252
Ⓑ	12, 26, 27, 29, 34, 38, 40, 42, 45, 50, 56, 59, 63, 68, 71, 76, 77, 79, 82, 84, 101, 103, 106, 107, 109, 113, 121, 126, 136, 140, 141, 161, 164, 171, 177, 180, 193, 196, 199, 202, 211, 219, 224, 230, 232, 234, 236, 239, 240, 243, 245, 249, 251
Ⓒ	213
Ⓓ	74, 88, 93, 95, 124, 148, 151, 158, 212, 222, 225, 246, 248
Ⓔ	64, 80, 118, 123, 146, 155, 166, 227, 253, 255
Ⓕ	17, 36, 90, 119, 128, 134, 138, 144, 167, 190, 220
Ⓖ	13, 16, 23, 30, 33, 37, 43, 46, 53, 54, 57, 58, 61, 65, 66, 69, 83, 89, 96, 100, 104, 115, 117, 122, 127, 131, 132, 143, 149, 150, 152, 156, 157, 159, 162, 169, 170, 173, 178, 184, 185, 186, 187, 191, 197, 200, 203, 206, 207, 208, 209, 214, 215, 229, 233, 237, 238, 250, 254
Ⓗ	18, 19, 20, 35, 44, 55, 60, 81, 91, 98, 114, 120, 129, 133, 135, 163, 165, 168, 172, 174, 201, 204, 210, 223, 235, 247
Ⓘ	99, 130, 137, 181
Ⓙ	21, 51, 62, 67, 70, 78, 102, 108, 111, 125, 153, 154, 154A, 176, 179, 183, 188, 189, 192, 195, 241, 242
Ⓚ	244
Ⓛ	75, 139, 142, 145, 147
Ⓜ	48, 49, 85, 105, 216, 217, 218
Ⓝ	31, 32
Ⓞ	122A
Ⓟ	94
Ⓠ	217, 218

LEGEND

RCP-	Reinforced Concrete Pipe
RCHEP-	Reinforced Concrete Horizontal Elliptical Pipe
PE-	Polyethylene
DR-	Dimension Ratio
PVC-	Polyvinyl Chloride
BIT-	Bituminous
CORR-	Corrugation
BPI-	Bituminous Paved Invert
ALUM-	Aluminum
STR-	Structural
CFP-	Concrete Field Paving
CIR-	Circular Pipe
DEF-	Deformed Pipe
(S)-	Smooth Pipe Material
(C)-	Corrugated Pipe Material
OK-	Acceptable for Use
(LS)-	Lock Seam Pipe Required
*-	Refer to Standard Drawings 715-PHCL-18 and -19 for nominal diameter appropriate for pay item diameter.
**-	Tabulated thickness refers to top and side plates. Bottom plates shall be of next greater available thickness.

Clark Dietz
ENGINEERS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RBI DRAWN: MP
CHECKED: JAL CHECKED: JAL

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY OF QUANTITIES
PIPE MATERIAL SHEET

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	0100701
SURVEY BOOK	SHEETS
	278 of 278
CONTRACT	PROJECT
R-30397	0100701

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