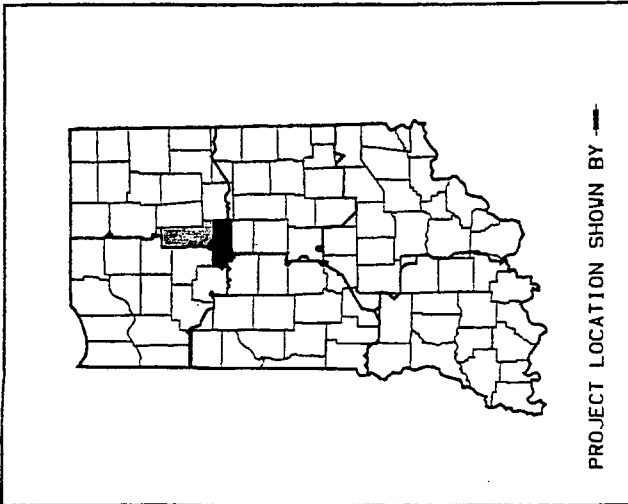


Contract No. RS-25881



INDIANA
DEPARTMENT OF TRANSPORTATION

RESURFACE PLANS

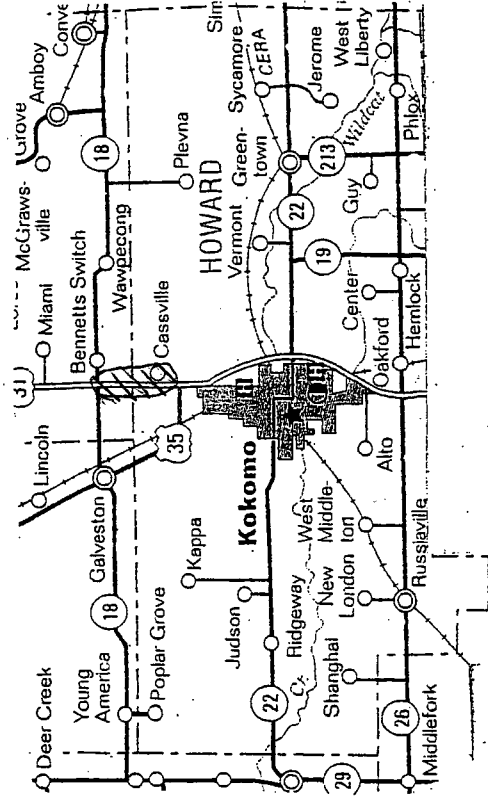
Preventive Maintenance project on US31 from North Jct. US35 in Howard County to SR18 in Miami County. (RP 167+02 to RP 170+00)



Des. No. 0100213

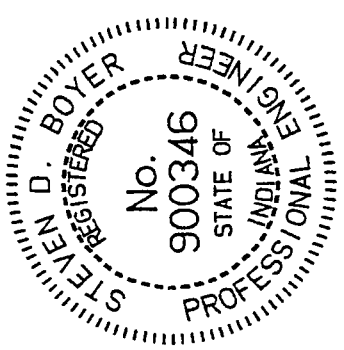
Project Limits:
 Sta. 0+34 to Sta. 158+69

Paving Exceptions:
 Sta. 84+26 to Sta. 90+42 NB
 Sta. 84+26 to Sta. 90+42 SB

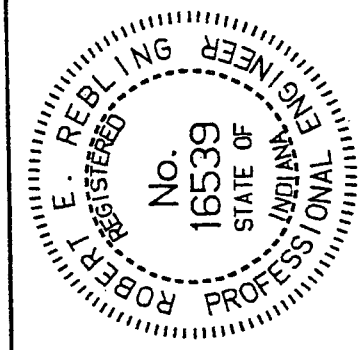


QC/QA PG BINDER 70-22, MAINLINE
 QC/QA PG BINDER 70-22, SHOULDER

ADT
 MAINLINE ESAL'S
 15,200,000
 SHOULDER ESAL'S
 15,200,000



RECOMMENDED
 FOR APPROVAL: *08/28/01*
 DATE
[Signature]
 HEAD DESIGN ENGINEER



APPROVED FOR
 LETTING: *8/10/01*
 DATE
[Signature]
 DEVELOPMENT ENGINEER

CONTRACT RS-25881
Des. No. 0100213

INDEX

SHEET NO.	DRAWING INDEX
1	TITLE
2	INDEX SHEET
3	ENGLISH STANDARD DRAWING INDEX
4-5	STRIP MAP
6	TYPICAL MAINLINE SECTION
7	TYPICAL SECTION FOR TURN LANES
8	TYPICAL SECTION FOR CROSSOVERS
9	TYPICAL SECTION FOR SHOULDER TREATMENT
10	TYPICAL SECTION FOR PAVEMENT PATCHING
11-12	PATCHING TABLE

Standard Drawing Index
Effective for Lettings on or after 9/01/2001

Contract No.: RS-25881

English Drawings

SEC.	CODE	PAGE	DRAWING SUBJECT	DRAWING CONTENTS	Drawing
					Date
801	TCDV	01	Traffic Control Devices	Channelizing Devices	9/1/99
801	TCDV	02	Traffic Control Devices	Merging Or Shifting Taper	4/1/96
801	TCDV	10	Traffic Control Devices	Worksite Speed Limit Sign Assembly	9/1/99
801	TCDV	11	Traffic Control Devices	Worksite Speed Limit Sign Assembly	9/1/99
801	TCFO	03	Traffic Control Flagger Operations	Maintenance Of Traffic For Reflector Repla	5/1/00
801	TCFO	06	Traffic Control Flagger Operations	Traffic Control For Intersection Work	9/1/97
801	TCLC	11	Traffic Control Lane Closure	Traffic Control For Lane Closure	5/1/97
801	TCLG	01	Traffic Control Legend	Traffic Control Legend And General Notes	1/2/98
801	TCSN	01	Traffic Control Signs	Traffic Control Signs	7/3/95
801	TCSN	02	Traffic Control Signs	Traffic Control Signs	9/1/97
801	TCSN	04	Traffic Control Signs	Traffic Control Signs	9/1/97
801	TCSN	11	Traffic Control Signs	Construction Signs General Notes	5/1/00
801	TCSN	12	Traffic Control Signs	Sign Design Details	9/1/99
801	TCSN	13	Traffic Control Signs	Sign Design Details	9/1/99
801	TCTC	04	Traffic Control Temporary Closure	Temporary Closures	9/1/97
801	TCTC	05	Traffic Control Temporary Closure	Traffic Control For Daytime Lane Closure	1/2/01
801	TCTC	06	Traffic Control Temporary Closure	RPM Casting Installation Traffic Maintenar	5/1/00
805	SGLI	01	Signal Loop Installation	Traffic Signal Loop Installation	5/1/98
805	SGLI	02	Signal Loop Installation	Traffic Signal Loop Installation	3/1/95
805	SGLI	04	Signal Loop Installation	Traffic Signal Loop Splice	3/1/95
805	SGLI	05	Signal Loop Installation	Traffic Signal Loop Installation	3/1/95
805	SGLT	01	Signal Loop Tagging	Loop Tagging System	3/1/95
808	MKRM	09	Markings Raised Markers	Snowplowable Raised Pavement Markers	3/1/95
808	MKRM	10	Markings Raised Markers	Raised Pavement Marker Cast Metal Base T	9/1/98
808	MKRM	11	Markings Raised Markers	Raised Pavement Marker Cast Metal Base T	1/3/00

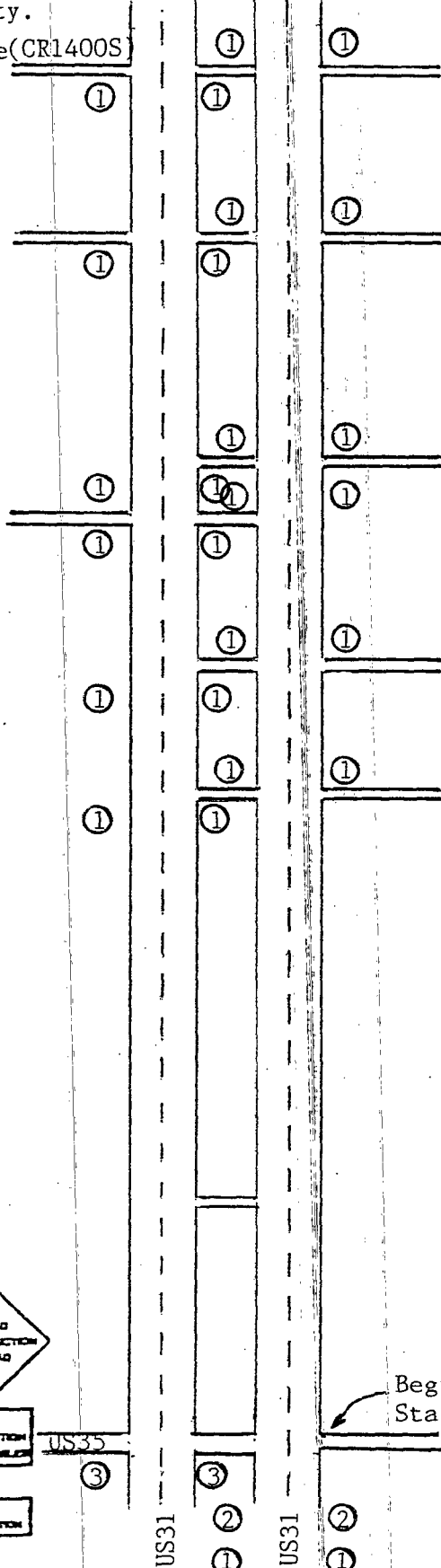
STRIP MAP

Preventive Maintenance project on US31
from North Jct. US35 in Howard County
to SR18 in Miami County.

CONTRACT RS-25881
Des. No. 0100213

(CR600N)Howard/Miami Co. Line(CR1400S)
Sta. 79+21

CR 550N
Sta. 53+86



Apperson Way West
Sta. 69+36

Cassville Rd.
Sta. 57+02

Nancy Dr.
Sta. 44+93

Ida Dr.
Sta. 37+03

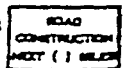
Begin Project:
Sta. 0+34

LEGEND:

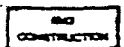
① Construction Sign
XW20-1



② Construction Sign
XG20-1



③ Construction Sign
XG20-2



STRIP MAP

CONTRACT RS-25881
Des. No. 0100213

Preventive Maintenance project on US31
from North Jct. US35 in Howard County
to SR18 in Miami County.

SR18

End Project:
Sta. 158+69

Frontage Rd.
Sta. 132+59



CR 1350S
Sta. 105+81

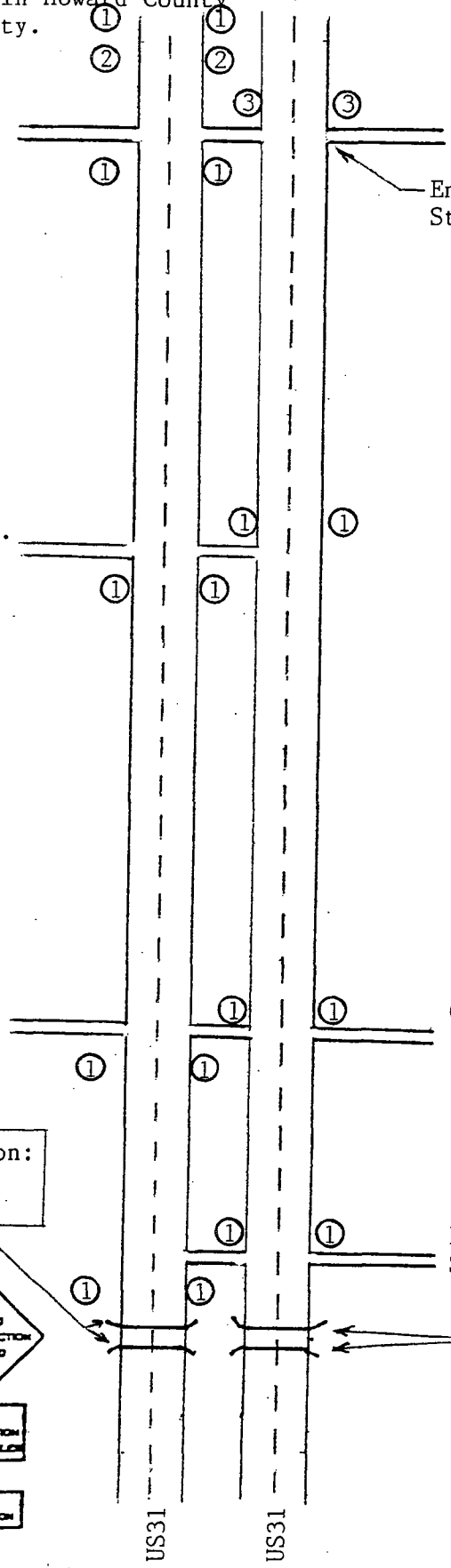
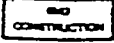
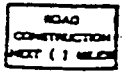
Paving Exception:
Sta. 84+26 to
Sta. 90+42

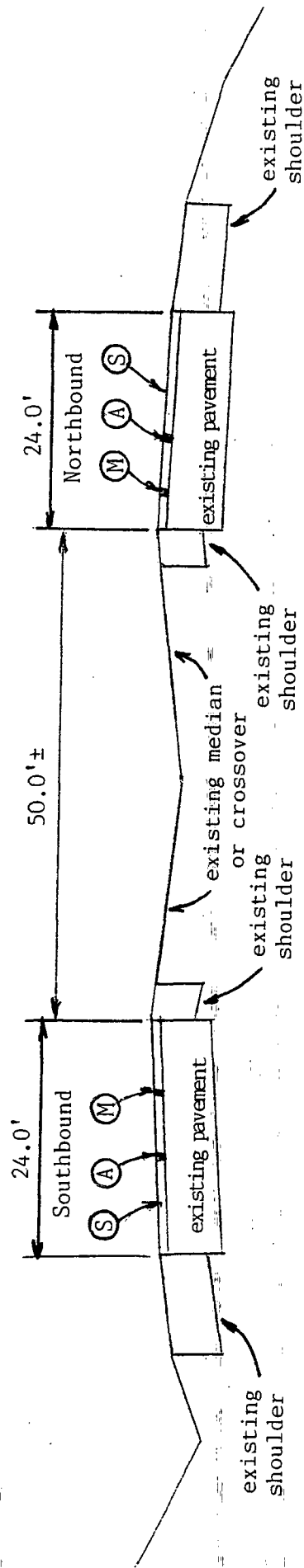
Frontage Rd.
Sta. 92+99

Paving Exception:
Sta. 84+26 to
Sta. 90+42

LEGEND:

- ① Construction Sign
XV20-1
- ② Construction Sign
XG20-1
- ③ Construction Sign
XG20-2





TYPICAL SECTION

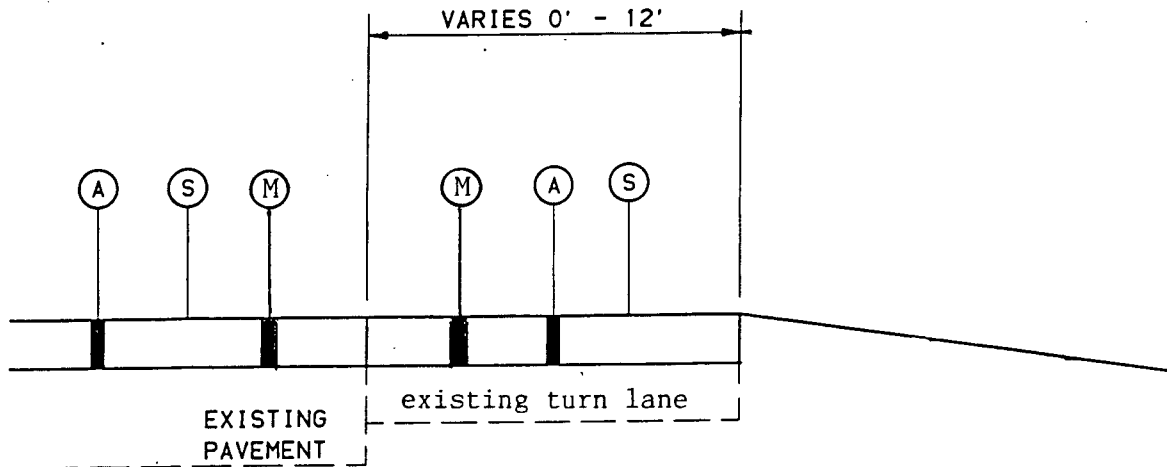
Sta. 0+34 to Sta. 158+69

LEGEND

- (A) 137.5 lbs/yd² QC/QA HMA Surface, 9.5mm, Mainline
- (M) Surface Milling, Asphalt, 1"
- (S) Slope, match existing

QC/QA PG BINDER 70-22, MAINLINE
QC/QA PG BINDER 70-22, SHOULDER

TYPICAL SECTION FOR
TURN LANES



LOCATIONS

- US35 Southbound - RTL & LTL
- CR 550N Northbound - LTL
- CR 600N Southbound - RTL
- Frontage Rd. (Sta. 13+259) Northbound - LTL
- Frontage Rd. (Sta. 13+259) Southbound - RTL
- SR18 Northbound - RTL & LTL

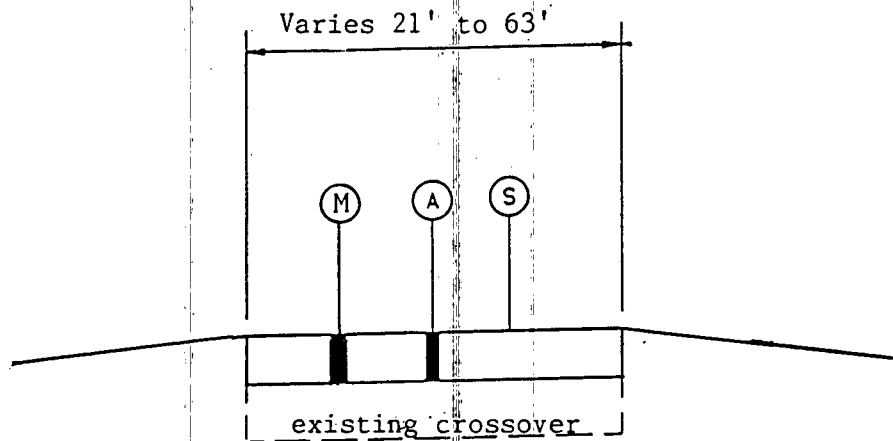
LEGEND

- (A) 137.5 lbs/yd² QC/QA HMA Surface, 9.5mm, Mainline
- (M) Surface Milling, Asphalt, 1"
- (S) Slope, match existing

QC/QA PG BINDER 70-22, MAINLINE
QC/QA PG BINDER 70-22, SHOULDER

TYPICAL SECTION FOR CROSSOVERS AT:

- Sta. 14+02
- Sta. 37+03
- Sta. 44+94
- Sta. 53+88
- Sta. 57+06
- Sta. 69+41
- Sta. 78+71
- Sta. 92+97
- Sta. 105+80
- Sta. 132+37



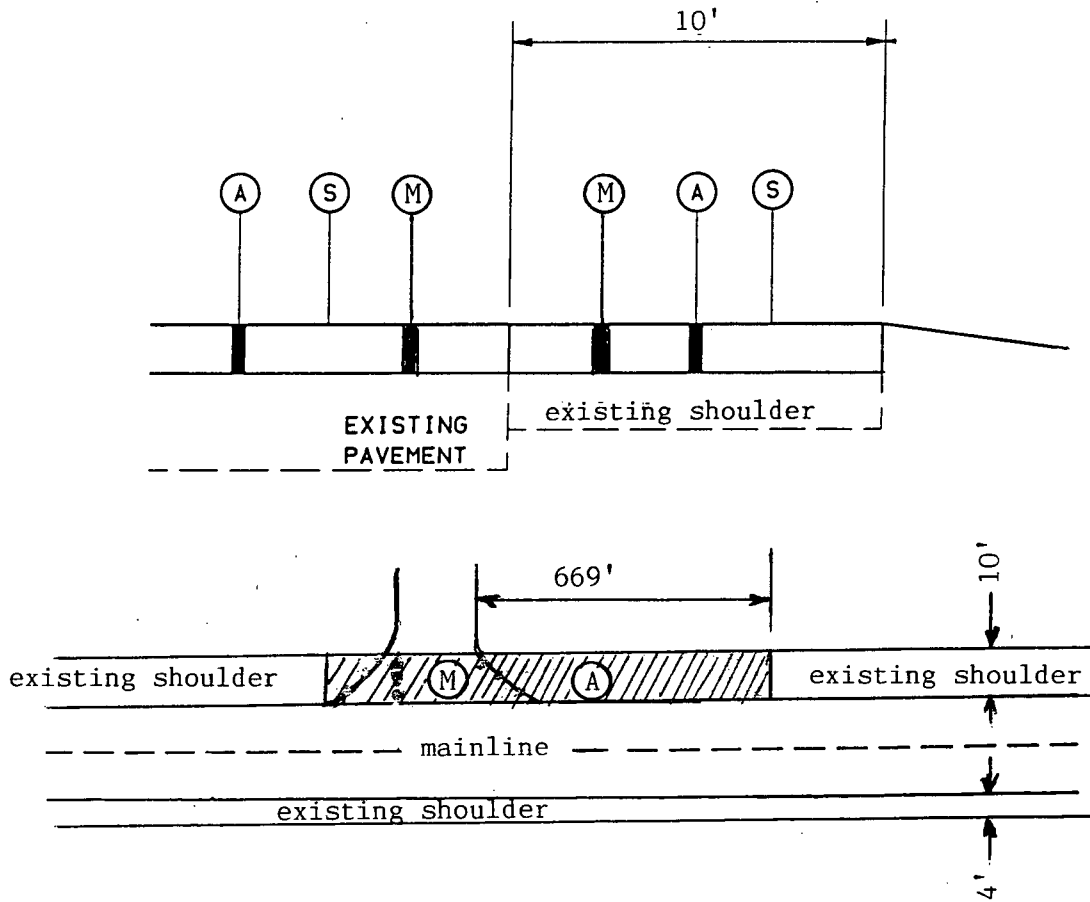
LEGEND

- (A) 137.5 lbs/yd² QC/QA HMA Surface, 9.5mm, Mainline
- (M) Surface Milling, Asphalt, 1"
- (S) Slope, match existing

QC/QA PG BINDER 70-22, MAINLINE
QC/QA PG BINDER 70-22, SHOULDER

TYPICAL SECTION FOR SHOULDER TREATMENT AT FOLLOWING LOCATIONS:

Ida Dr. - Northbound
Nancy Dr. - Northbound
CR 550N - Southbound
Cassville Rd. - Northbound
Frontage Rd. (Sta. 69+36) - Northbound
CR 1400S - Northbound
Frontage Rd. (Sta. 92+99) - Northbound
CR 1350S - Southbound

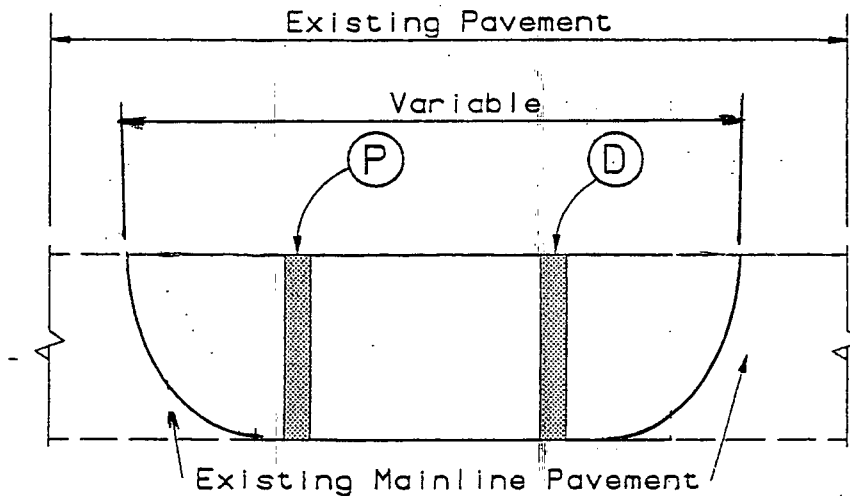


LEGEND

- Ⓐ 137.5 lbs/yd² QC/QA HMA Surface, 9.5mm, Mainline
- Ⓜ Surface Milling, Asphalt, 1"
- Ⓢ Slope, match existing

QC/QA PG BINDER 70-22, MAINLINE
QC/QA PG BINDER 70-22, SHOULDER

TYPICAL SECTION FOR PAVEMENT PATCHING



- ⒫ Remove Existing Pavement to concrete
Core depths vary from 1" to 17"
- Ⓓ HMA for Patching, average core depth $7\frac{1}{4}$ "

NOTE:

The plan quantities for patching pavement are supplied for information only. Exact locations to be determined by the project engineer.

PATCHING TABLE

CONTRACT RS-25881
Des. No. 0100213

STA. to STA.	LANE	LENGTH (ft)	WIDTH (ft)	AREA (ft ²)
US35				
	NB (I)	5.0	12.0	60.0
Ida Dr.				
Nancy Dr.				
	NB (I)	4.0	12.0	48.0
	NB (I)	4.0	12.0	48.0
	NB (I)	4.0	12.0	48.0
	NB (I)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
Cassville Rd.				
	NB (I)	4.0	12.0	48.0
	NB (I)	4.0	12.0	48.0
	NB (I)	4.0	12.0	48.0
	NB (I)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
Apperson Way				
	NB (I)	4.0	12.0	48.0
	NB (I)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
CR1400S				
	NB (I)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
CR1350S				
	NB (I)	4.0	12.0	48.0
	NB (I)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
	NB (O)	4.0	12.0	48.0
	NB (O)	150.0	4.0	600.0
SR18				

I = Passing Lane
O = Driving Lane

PATCHING TABLE

CONTRACT RS-25881
Des. No. 0100213

STA. to STA.	LANE	LENGTH (ft)	WIDTH (ft)	AREA (ft ²)
US35				
	SB (I)	6.0	12.0	72.0
	SB (O)	4.0	12.0	48.0
	SB (O)	4.0	12.0	48.0
Ida Rd.				
	SB (I)	16.0	12.0	192.0
	SB (O)	4.0	12.0	48.0
	SB (O)	20.0	12.0	240.0
CR550N				
	SB (O)	4.0	12.0	48.0
CR1400S				
	SB (I)	5.0	12.0	60.0
	SB (I)	4.0	12.0	48.0
	SB (I)	4.0	12.0	48.0
	SB (O)	4.0	12.0	48.0
	SB (O)	4.0	12.0	48.0
CR1350S				
	SB (O)	4.0	12.0	48.0
	SB (O)	4.0	12.0	48.0
Frontage Rd.				
	SB (I)	4.0	12.0	48.0
	SB (I)	4.0	12.0	48.0
	SB (I)	4.0	12.0	48.0
SR18				
TOTAL =				3192.0