US 40 & SR 896 – ALTERNATIVE 1
"NO-BUILD" EXISTING CONDITIONS

CONCEPT PLAN
SCALE
0 100 200 300
FEET

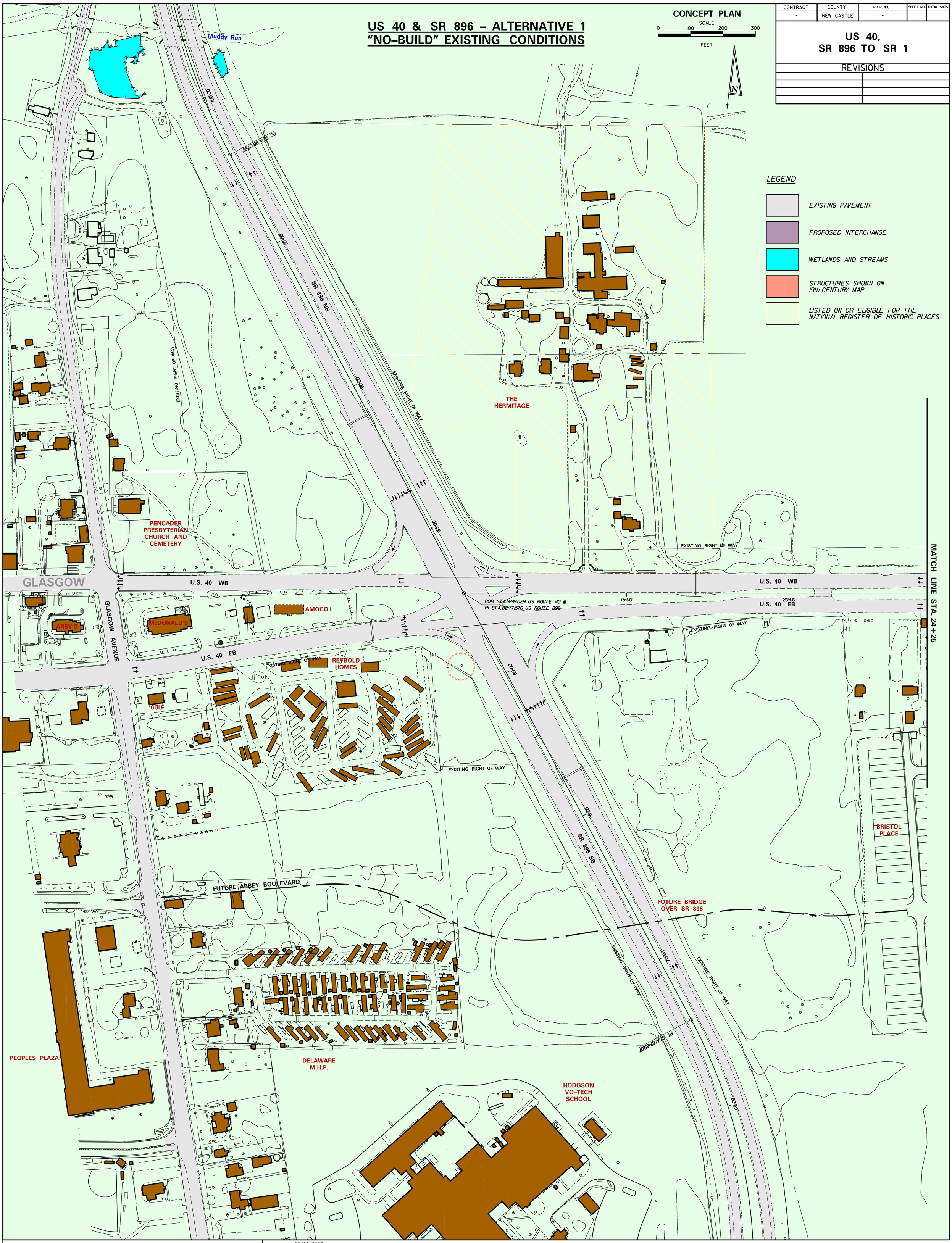
CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHTS.
-	NEW CASTLE	-		

US 40,
SR 896 TO SR 1

REVISIONS

LEGEND

- EXISTING PAVEMENT
- PROPOSED INTERCHANGE
- WETLANDS AND STREAMS
- STRUCTURES SHOWN ON 19th CENTURY MAP
- LISTED ON OR ELIGIBLE FOR THE NATIONAL REGISTER OF HISTORIC PLACES



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06/05/2002

06/05/2002

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US 40 & SR 896 – INTERCHANGE ALTERNATIVE 2
AT GRADE – QUADRANT ROADWAY

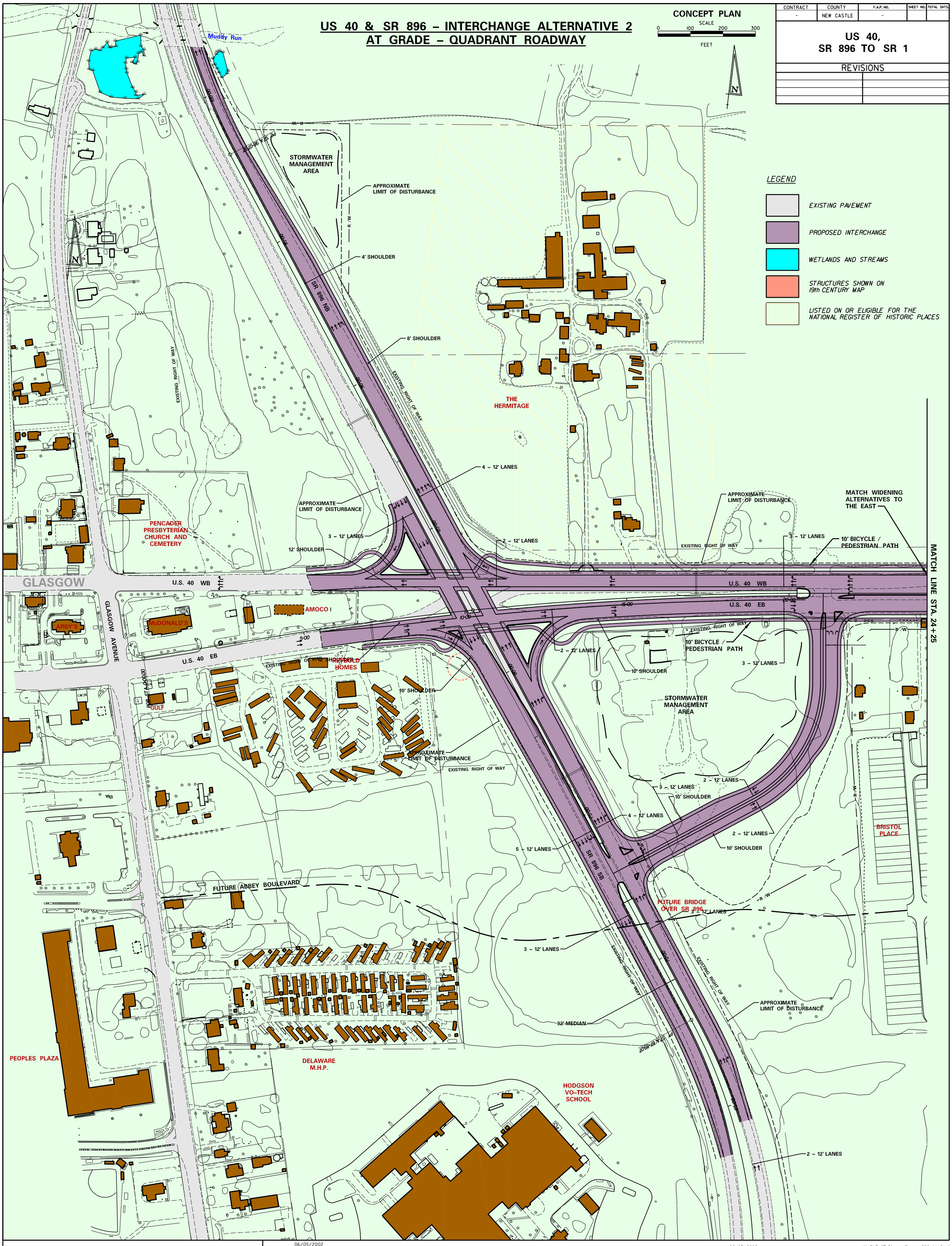
CONCEPT PLAN

SCALE 0 100 200 300 FEET

CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHTS.
-	NEW CASTLE	-		

US 40,
SR 896 TO SR 1

REVISIONS



LEGEND

- EXISTING PAVEMENT
- PROPOSED INTERCHANGE
- WETLANDS AND STREAMS
- STRUCTURES SHOWN ON 19th CENTURY MAP
- LISTED ON OR ELIGIBLE FOR THE NATIONAL REGISTER OF HISTORIC PLACES

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CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHTS.
-	NEW CASTLE	-		

US 40, SR 896 TO SR 1

REVISIONS

US 40 & SR 896 – INTERCHANGE ALTERNATIVE 3
QUADRANT ROADWAY WITH SLIP RAMP

CONCEPT PLAN

SCALE 0 100 200 300 FEET

N

LEGEND

- EXISTING PAVEMENT
- PROPOSED INTERCHANGE
- WETLANDS AND STREAMS
- STRUCTURES SHOWN ON 19th CENTURY MAP
- LISTED ON OR ELIGIBLE FOR THE NATIONAL REGISTER OF HISTORIC PLACES

Muddy Run
STORMWATER MANAGEMENT AREA
APPROXIMATE LIMIT OF DISTURBANCE
4' SHOULDER
8' SHOULDER
32' MEDIAN
15' RAMP
THE HERMITAGE
2 – 12' LANES
10' SHOULDER
PENCADER PRESBYTERIAN CHURCH AND CEMETERY
TO BE ACQUIRED
12' SHOULDER
EXISTING RIGHT OF WAY
SR 896 NB
SR 896 SB
MATCH WIDENING ALTERNATIVES TO THE EAST
10' BICYCLE / PEDESTRIAN PATH
3 – 12' LANES
MATCH LINE STA. 24+25
GLASGOW
GLASGOW AVENUE
U.S. 40 WB
U.S. 40 EB
ARBY'S
McDONALD'S
AMOCO
REYBOLD HOMES
GULF
BOB STA. 90+00
FUTURE ABBEY BOULEVARD
4 – 12' LANES
FUTURE BRIDGE OVER SR 896
BRISTOL PLACE
PEOPLES PLAZA
DELAWARE M.H.P.
HODGSON VO-TECH SCHOOL
PT STA. 89+07

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06/05/2002

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CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHTS.
-	NEW CASTLE	-		

US 40, SR 896 TO SR 1

REVISIONS

US 40 & SR 896 – INTERCHANGE ALTERNATIVE 4 SINGLE LOOP

CONCEPT PLAN

SCALE 0 100 200 300 FEET

N

LEGEND

- EXISTING PAVEMENT
- PROPOSED INTERCHANGE
- WETLANDS AND STREAMS
- STRUCTURES SHOWN ON 19th CENTURY MAP
- LISTED ON OR ELIGIBLE FOR THE NATIONAL REGISTER OF HISTORIC PLACES

Muddy Run
STORMWATER MANAGEMENT AREA
APPROXIMATE LIMIT OF DISTURBANCE
4' SHOULDER
SR 896 NB
32' MEDIAN
EXISTING RIGHT OF WAY
THE HERMITAGE
8' SHOULDER
10' SHOULDER
3 – 12' LANES
PENCADER PRESBYTERIAN CHURCH AND CEMETERY
2 – 12' LANES
TO BE ACQUIRED
12' SHOULDER
4 – 12' LANES
10' BICYCLE / PEDESTRIAN PATH
MATCH WIDENING ALTERNATIVES TO THE EAST
MATCH LINE STA. 24+25
GLASGOW
U.S. 40 WB
U.S. 40 EB
GLASGOW AVENUE
ARBY'S
McDONALD'S
AMOCO
REYBOLD HOMES
GULF
15' RAMP
BRISTOL PLACE
FUTURE ABBEY BOULEVARD
FUTURE BRIDGE OVER SR 896
SR 896 SB
PEOPLES PLAZA
DELAWARE M.H.P.
HODGSON VO-TECH SCHOOL

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US 40 & SR 896 – INTERCHANGE ALTERNATIVE 5
SPREAD DIAMOND

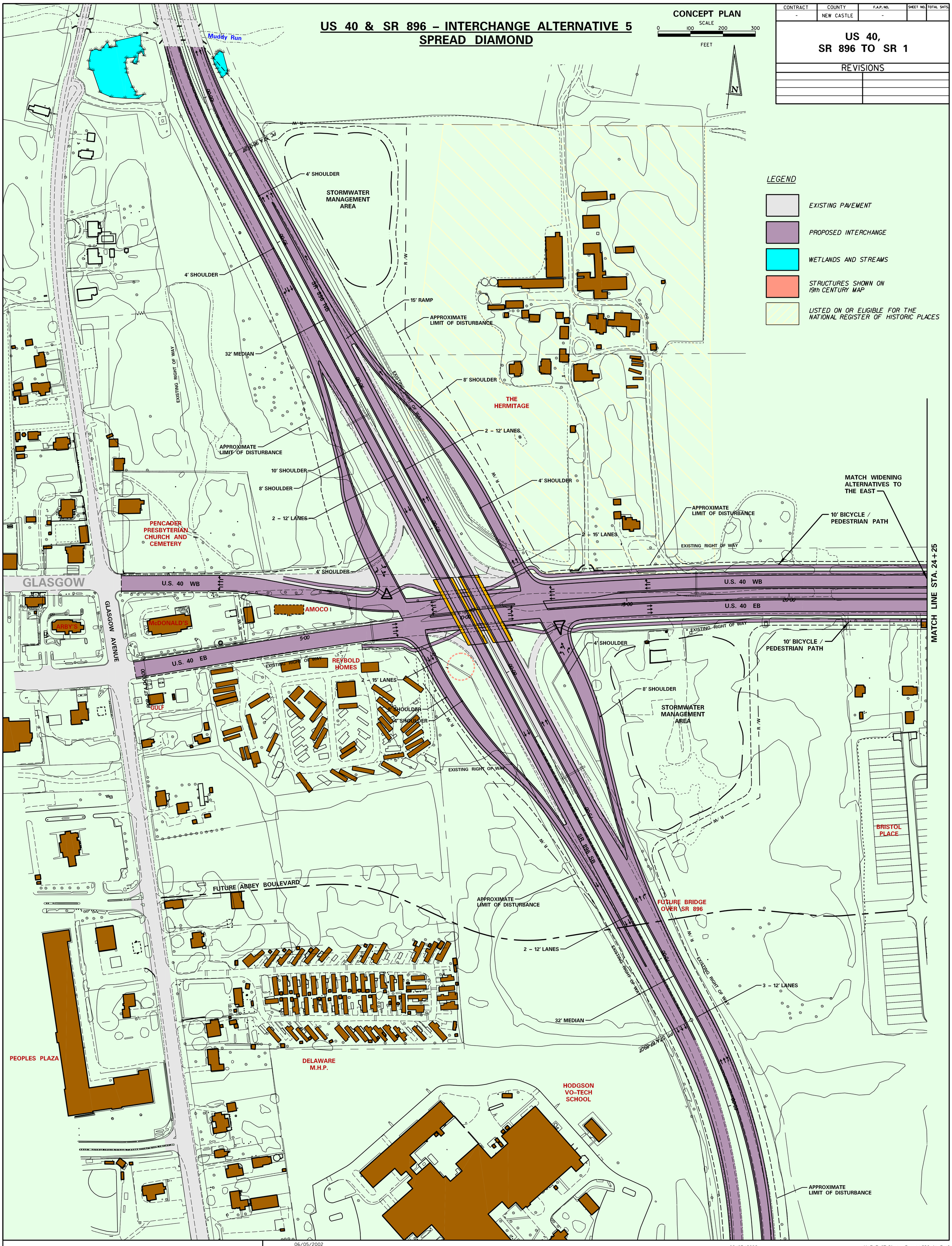
CONCEPT PLAN

SCALE 0 100 200 300 FEET

CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHTS.
-	NEW CASTLE	-		

US 40, SR 896 TO SR 1

REVISIONS



LEGEND

- EXISTING PAVEMENT
- PROPOSED INTERCHANGE
- WETLANDS AND STREAMS
- STRUCTURES SHOWN ON 19th CENTURY MAP
- LISTED ON OR ELIGIBLE FOR THE NATIONAL REGISTER OF HISTORIC PLACES

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US 40 & SR 896 – INTERCHANGE ALTERNATIVE 6
TIGHT URBAN DIAMOND INTERCHANGE (TUDI)

CONCEPT PLAN

SCALE 0 100 200 300 FEET

CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHTS.
-	NEW CASTLE	-		

US 40, SR 896 TO SR 1

REVISIONS

LEGEND

- EXISTING PAVEMENT
- PROPOSED INTERCHANGE
- WETLANDS AND STREAMS
- STRUCTURES SHOWN ON 19th CENTURY MAP
- LISTED ON OR ELIGIBLE FOR THE NATIONAL REGISTER OF HISTORIC PLACES

Muddy Run
STORMWATER MANAGEMENT AREA
4' SHOULDER
SR 896 NB
15' RAMP
APPROXIMATE LIMIT OF DISTURBANCE
32' MEDIAN
EXISTING RIGHT OF WAY
THE HERMITAGE
2 – 12' LANES
4' SHOULDER
10' SHOULDER
APPROXIMATE LIMIT OF DISTURBANCE
PENCADER PRESBYTERIAN CHURCH AND CEMETERY
2 – 12' LANES
2 – 15' LANES
APPROXIMATE LIMIT OF DISTURBANCE
EXISTING RIGHT OF WAY
MATCH WIDENING ALTERNATIVES TO THE EAST
10' BICYCLE / PEDESTRIAN PATH
MATCH LINE STA. 24+25
GLASGOW
U.S. 40 WB
U.S. 40 EB
GLASGOW AVENUE
ARBY'S
McDONALD'S
AMOCO I
REYBOLD HOMES
GULF
2 – 15' LANES
4' SHOULDER
8' SHOULDER
STORMWATER MANAGEMENT AREA
BRISTOL PLACE
SR 896 SB
FUTURE ABBEY BOULEVARD
FUTURE BRIDGE OVER SR 896
2 – 12' LANES
3 – 12' LANES
32' MEDIAN
PEOPLES PLAZA
DELAWARE M.H.P.
HODGSON VO-TECH SCHOOL
APPROXIMATE LIMIT OF DISTURBANCE

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06/05/2002

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US 40 & SR 896 – INTERCHANGE ALTERNATIVE 7
SINGLE–POINT URBAN INTERCHANGE (SPUI)

CONCEPT PLAN

SCALE 0 100 200 300 FEET

CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHTS.
-	NEW CASTLE	-		

US 40,
SR 896 TO SR 1

REVISIONS

LEGEND

- EXISTING PAVEMENT
- PROPOSED INTERCHANGE
- WETLANDS AND STREAMS
- STRUCTURES SHOWN ON 19th CENTURY MAP
- LISTED ON OR ELIGIBLE FOR THE NATIONAL REGISTER OF HISTORIC PLACES

Muddy Run
4' SHOULDER
STORMWATER MANAGEMENT AREA
4' SHOULDER
15' RAMP
APPROXIMATE LIMIT OF DISTURBANCE
32' MEDIAN
EXISTING RIGHT OF WAY
APPROXIMATE LIMIT OF DISTURBANCE
8' SHOULDER
THE HERMITAGE
4' SHOULDER
10' SHOULDER
2 – 12' LANES
8' SHOULDER
PENCADER PRESBYTERIAN CHURCH AND CEMETERY
2 – 12' LANES
4' SHOULDER
5 – 12' LANES
APPROXIMATE LIMIT OF DISTURBANCE
EXISTING RIGHT OF WAY
10' BICYCLE / PEDESTRIAN PATH
MATCH WIDENING ALTERNATIVES TO THE EAST
MATCH LINE STA. 24+25
GLASGOW
U.S. 40 WB
U.S. 40 WB
U.S. 40 EB
U.S. 40 EB
GLASGOW AVENUE
ARBY'S
McDONALD'S
AMOCO
REYBOLD HOMES
GULF
3 – 12' LANES
EXISTING RIGHT OF WAY
10' BICYCLE / PEDESTRIAN PATH
4' SHOULDER
STORMWATER MANAGEMENT AREA
8' SHOULDER
8' SHOULDER
4' SHOULDER
EXISTING RIGHT OF WAY
BRISTOL PLACE
FUTURE ABBEY BOULEVARD
APPROXIMATE LIMIT OF DISTURBANCE
FUTURE BRIDGE OVER SR 896
2 – 12' LANES
3 – 12' LANES
32' MEDIAN
PEOPLES PLAZA
DELAWARE M.H.P.
HODGSON VO–TECH SCHOOL
APPROXIMATE LIMIT OF DISTURBANCE

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