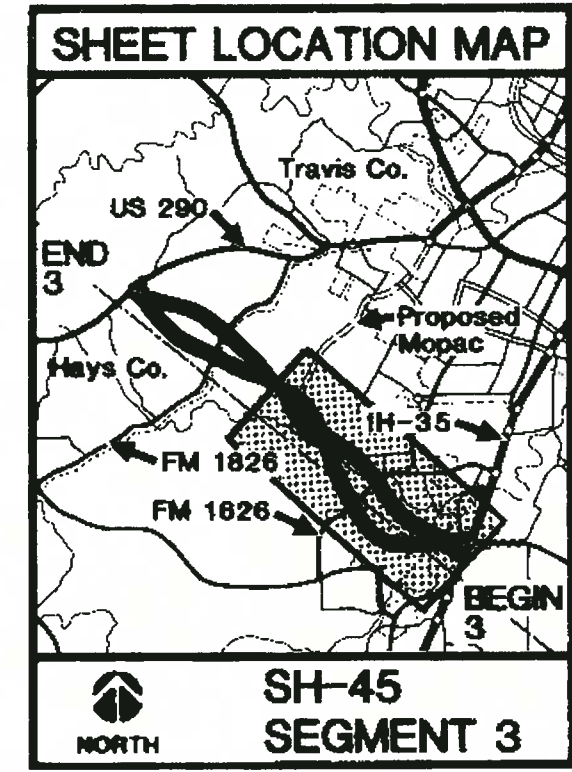


Figure 3-5
SEGMENT 3 ALIGNMENTS
 SHEET 1 OF 2
 LEGEND:

- ALIGNMENT ROUTES
- DESIGNATES SEGMENT
- DESIGNATES SUB-SEGMENT
- DESIGNATES ALTERNATE

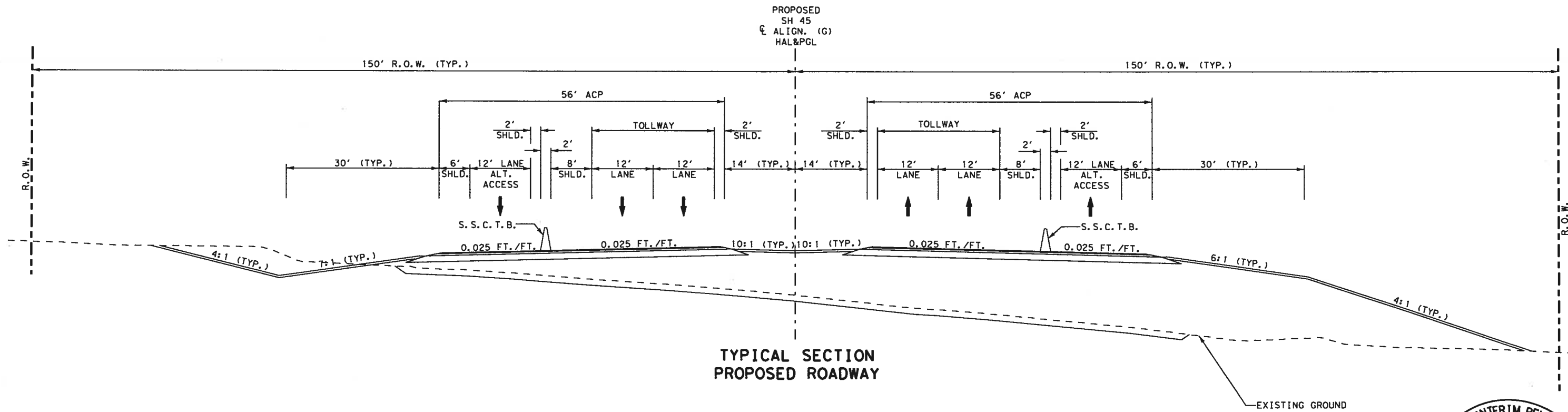


FINAL ENVIRONMENTAL IMPACT STATEMENT
AUSTIN OUTER PARKWAY
 STATE HIGHWAY 45 SEGMENT 3
 STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION

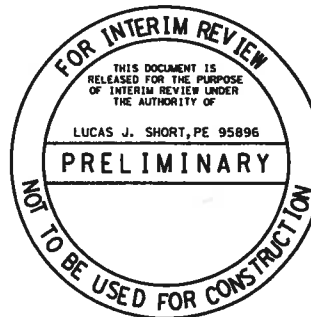
SCALE IN FEET 0 1,000 2,000 4,000 6,000
 SCALE IN MILES 0 1/2 1

LAM/INTB JOINT VENTURE
 LOCKWOOD, ANDREWS AND NEWMAN, INC.
 HOWARD NEEDLES TAMMEN AND BERENDSON





TYPICAL SECTION
PROPOSED ROADWAY



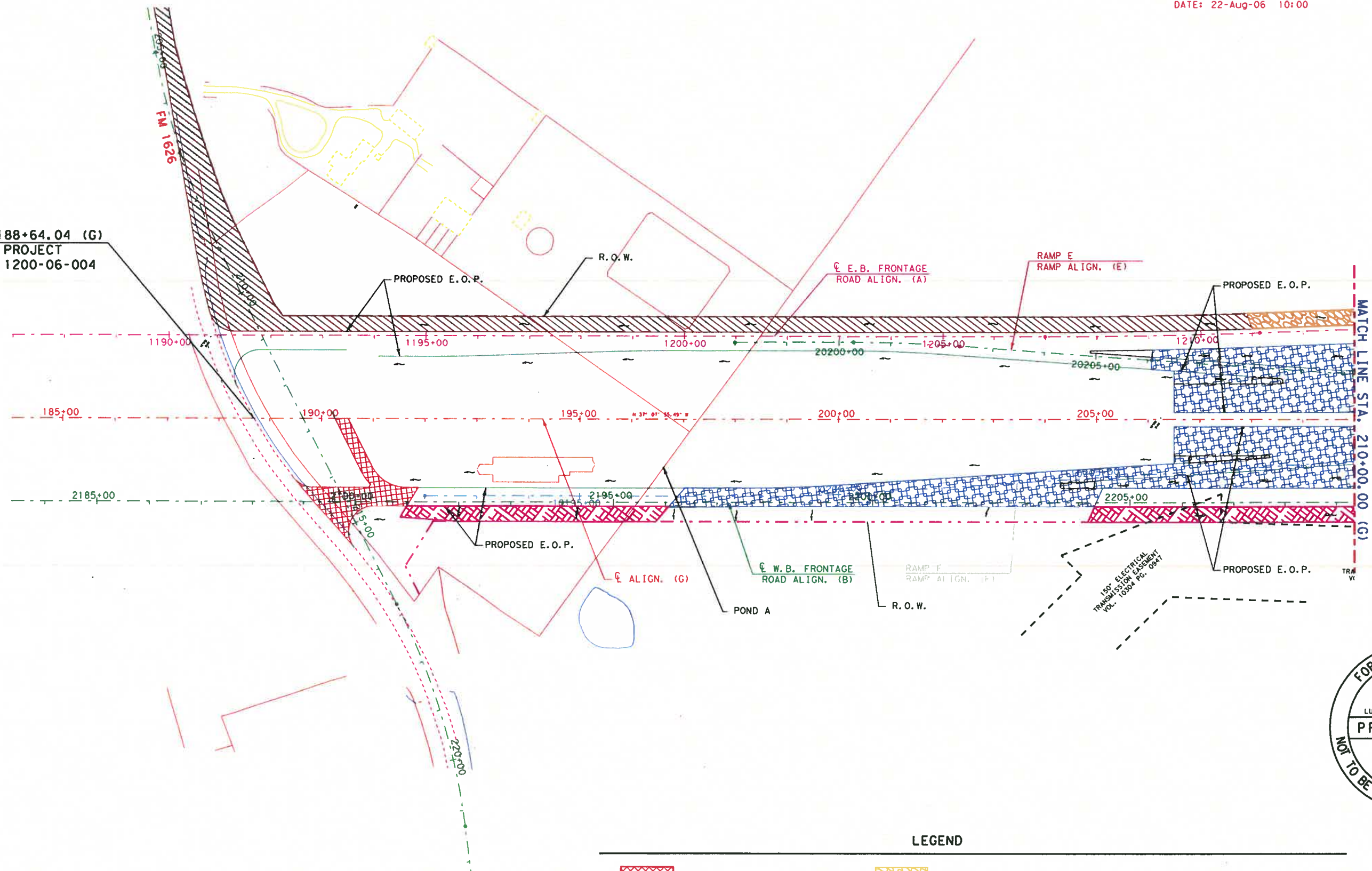
SH 45
TOLLWAY
TYPICAL SECTION

NOT TO SCALE

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FED. RD. DIV. NO.	STATE AID PROJECT NO.		SHEET NO.
6			
STATE	STATE DIST. NO.	COUNTY	
TEXAS	14	TRAVIS	
CONTRACT	SECT.	JOB	HIGHWAY NO.
1200	06	004 ETC.	SH 45

STA. 188+64.04 (G)
 BEGIN PROJECT
 CSJ : 1200-06-004



LEGEND







- NO TREATMENT
 (0% TSS REDUCTION)
- GRASSY SWALE AND VEGETATIVE FILTER STRIP
 (90% TSS REDUCTION)
- GRASSY SWALE
 (70% TSS REDUCTION)
- EXISTING POND
 (89% TSS REDUCTION)
- VEGETATIVE FILTER STRIP
 (85% TSS REDUCTION)
- POND
 (89% TSS REDUCTION)
- DIRECTION OF FLOW

SH 45
TSS
LAYOUT
 SCALE : 1" = 200'

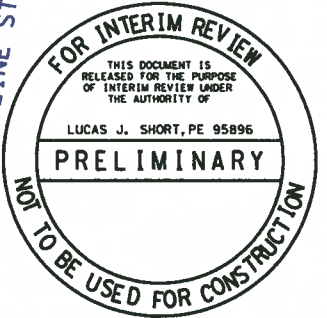
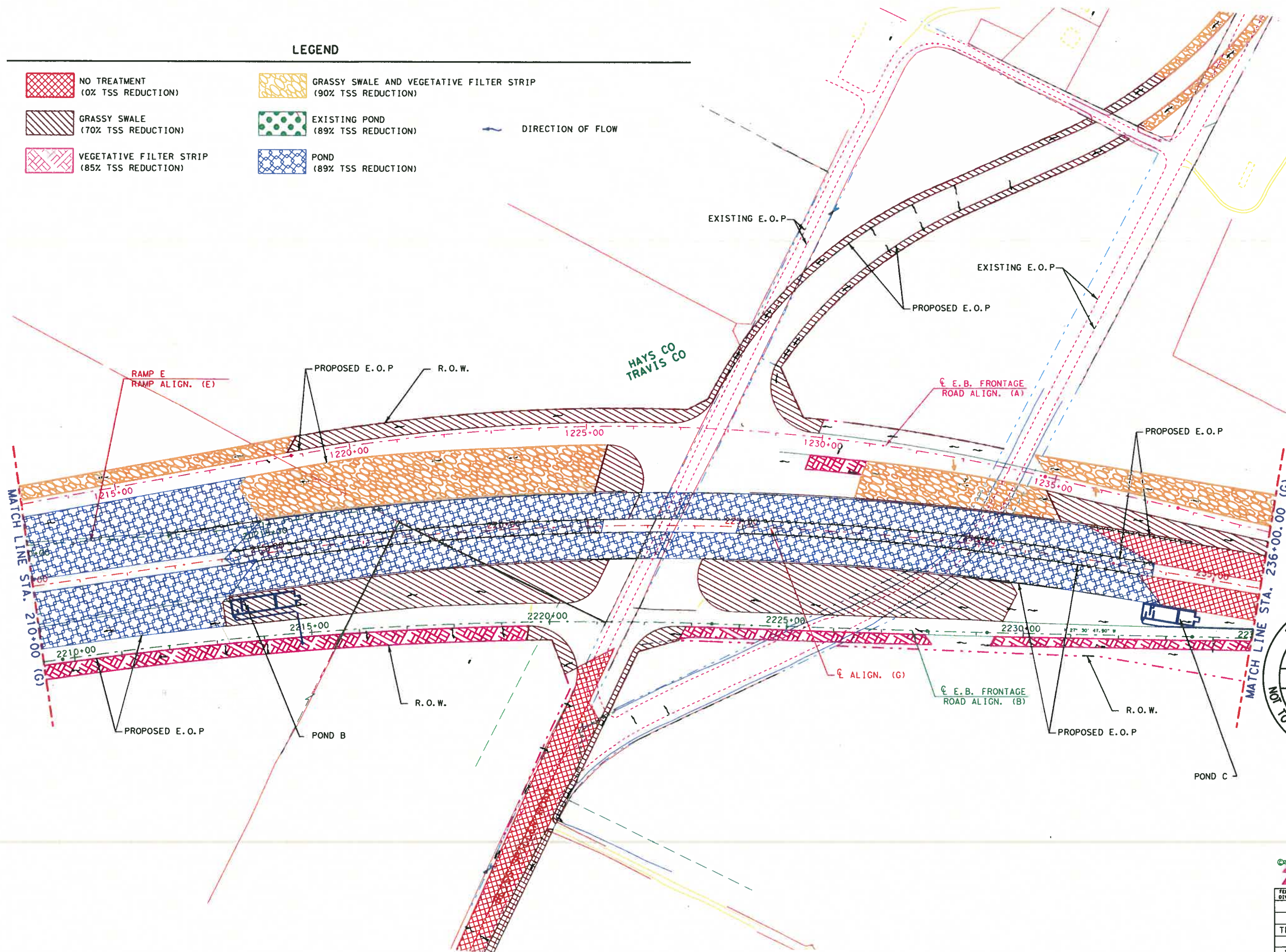
©2006 Texas Department of Transportation
 SHEET 1 OF 8

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6			
STATE	STATE DIST. NO.	COUNTY	
TEXAS	14	TRAVIS	
CONT.	SECT.	JOB	HIGHWAY NO.
1200	06	004	SH 45

LEGEND

- | | | | |
|---|--|---|---|
|  | NO TREATMENT
(0% TSS REDUCTION) |  | GRASSY SWALE AND VEGETATIVE FILTER STRIP
(90% TSS REDUCTION) |
|  | GRASSY SWALE
(70% TSS REDUCTION) |  | EXISTING POND
(89% TSS REDUCTION) |
|  | VEGETATIVE FILTER STRIP
(85% TSS REDUCTION) |  | POND
(89% TSS REDUCTION) |

—> DIRECTION OF FLOW

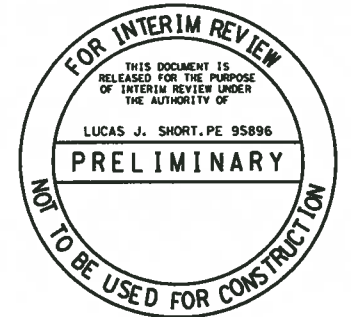
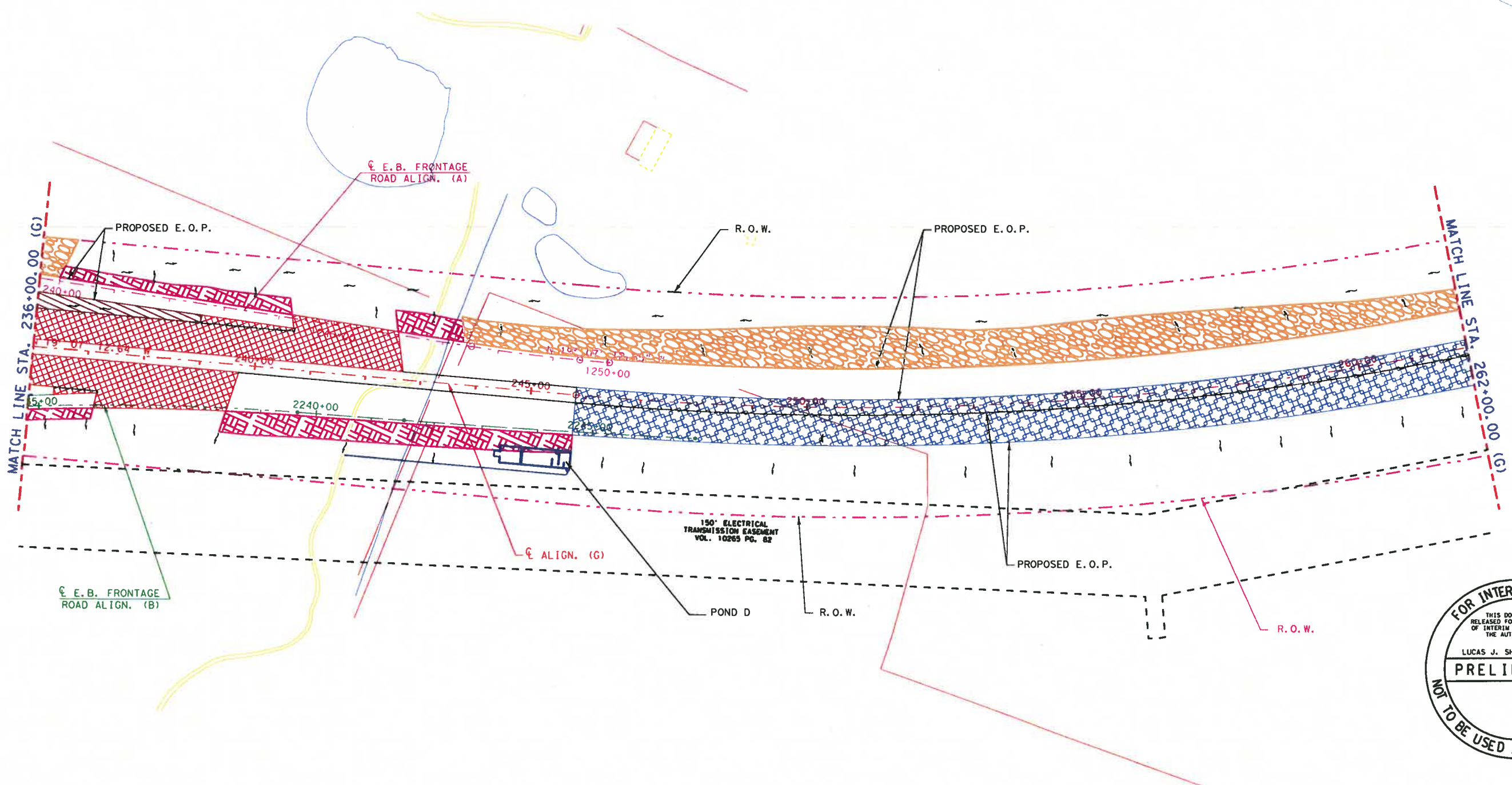


SH 45
TSS
LAYOUT
 SCALE : 1" = 200'








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SHEET 2 OF 8

FED. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6			
STATE	STATE DIST. NO.	COUNTY	
TEXAS	14	TRAVIS	
CONT.	SECT.	JOB	HIGHWAY NO.
1200	06	004	SH 45



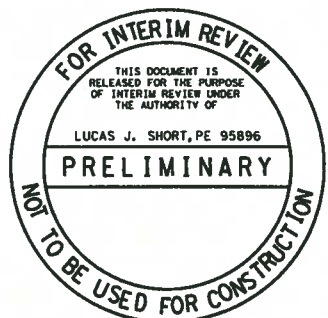
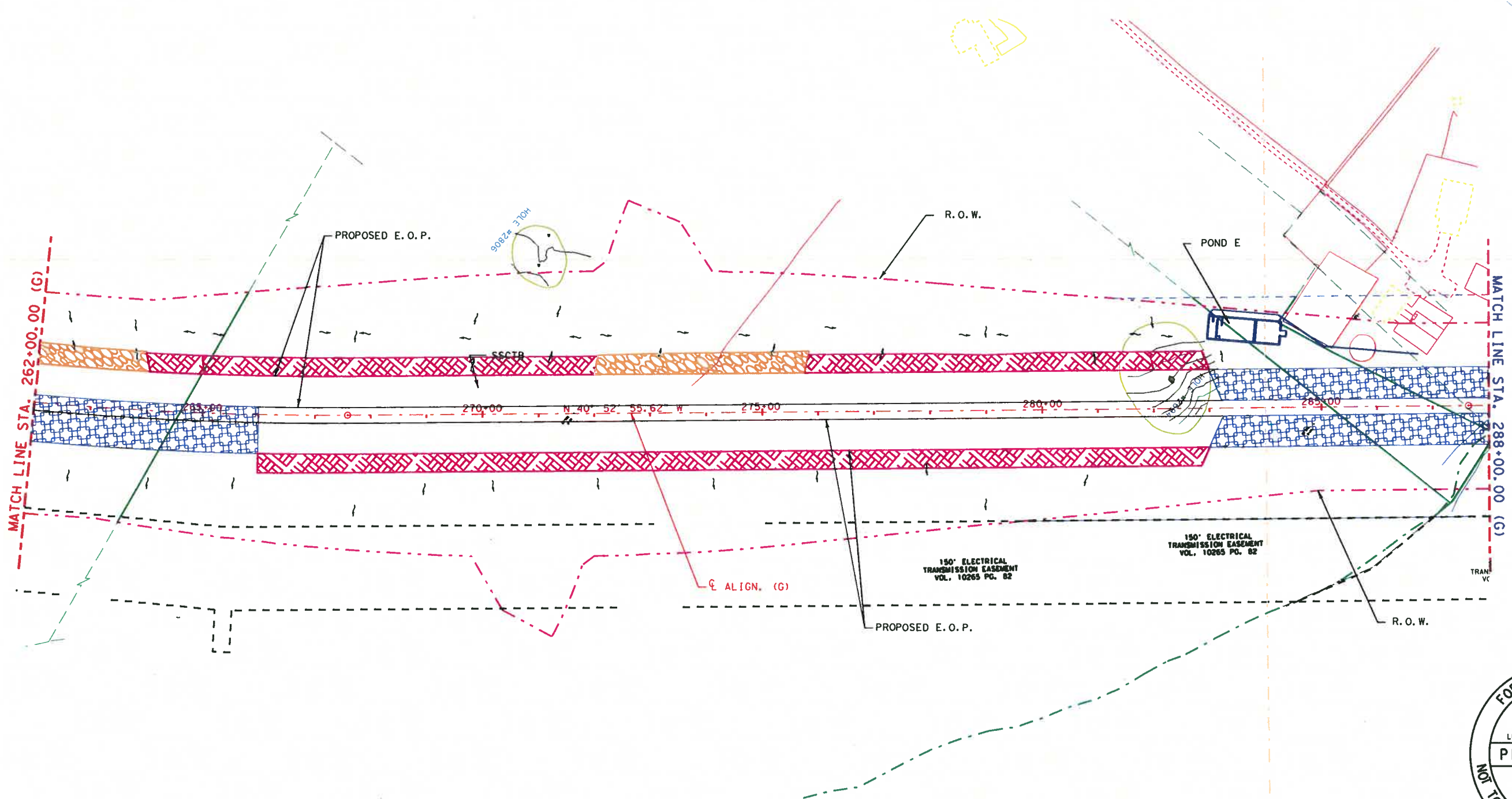
LEGEND

- | | | |
|--|--|---|
|  NO TREATMENT
(0% TSS REDUCTION) |  GRASSY SWALE AND VEGETATIVE FILTER STRIP
(90% TSS REDUCTION) |  DIRECTION OF FLOW |
|  GRASSY SWALE
(70% TSS REDUCTION) |  EXISTING POND
(89% TSS REDUCTION) | |
|  VEGETATIVE FILTER STRIP
(85% TSS REDUCTION) |  POND
(89% TSS REDUCTION) | |








SH 45
TSS
LAYOUT

SCALE : 1" = 200'

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6			
STATE	STATE DIST. NO.	COUNTY	
TEXAS	14	TRAVIS	
CONT.	SECT.	JOB	HIGHWAY NO.
1200	06	004	SH 45



LEGEND

- | | | |
|--|--|---|
|  NO TREATMENT
(0% TSS REDUCTION) |  GRASSY SWALE AND VEGETATIVE FILTER STRIP
(90% TSS REDUCTION) |  DIRECTION OF FLOW |
|  GRASSY SWALE
(70% TSS REDUCTION) |  EXISTING POND
(89% TSS REDUCTION) | |
|  VEGETATIVE FILTER STRIP
(85% TSS REDUCTION) |  POND
(89% TSS REDUCTION) | |

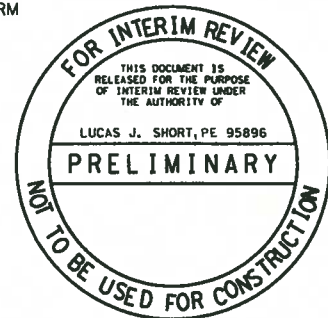
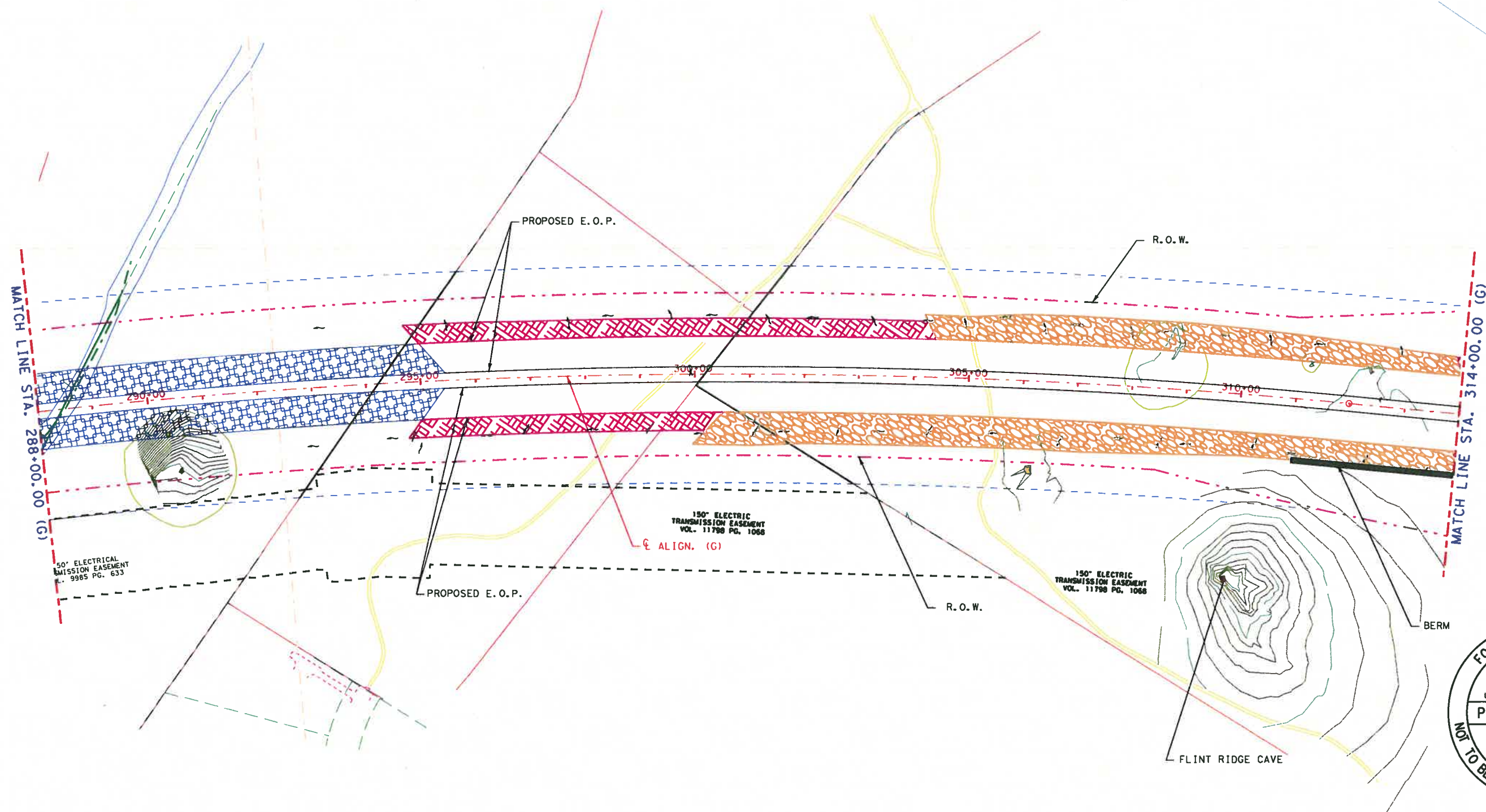
SH 45
TSS
LAYOUT

SCALE : 1" = 200'

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SHEET 4 OF 8

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6			
STATE	STATE DIST. NO.	COUNTY	
TEXAS	14	TRAVIS	
CONT.	SECT.	JOB	HIGHWAY NO.
1200	06	004	SH 45



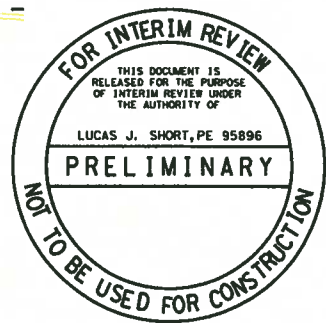
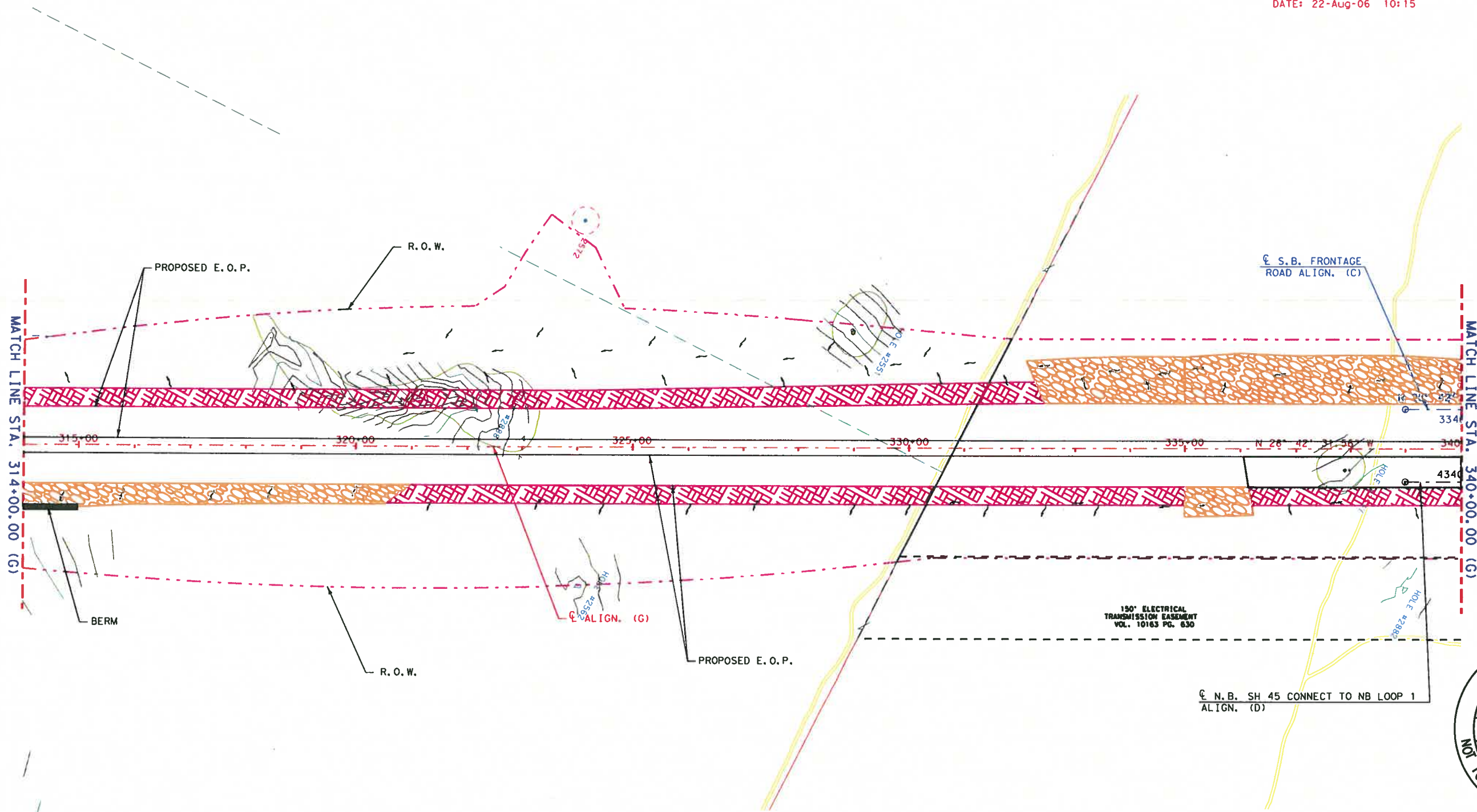
LEGEND

- NO TREATMENT (0% TSS REDUCTION)
 - GRASSY SWALE AND VEGETATIVE FILTER STRIP (90% TSS REDUCTION)
 - GRASSY SWALE (70% TSS REDUCTION)
 - EXISTING POND (89% TSS REDUCTION)
 - VEGETATIVE FILTER STRIP (85% TSS REDUCTION)
 - POND (89% TSS REDUCTION)
- DIRECTION OF FLOW

SH 45
 TSS LAYOUT
 SCALE: 1" = 200'

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 SHEET 5 OF 8

FED. RD. DIV. NO.	6	FEDERAL AID PROJECT NO.	SHEET NO.
STATE	STATE DIST. NO.	COUNTY	
TEXAS	14	TRAVIS	
CONT.	SECT.	JOB	HIGHWAY NO.
1200	06	004	SH 45



LEGEND

- | | | | | |
|--|--|--|---|-------------------|
| | NO TREATMENT
(0% TSS REDUCTION) | | GRASSY SWALE AND VEGETATIVE FILTER STRIP
(90% TSS REDUCTION) | |
| | GRASSY SWALE
(70% TSS REDUCTION) | | EXISTING POND
(89% TSS REDUCTION) | |
| | VEGETATIVE FILTER STRIP
(85% TSS REDUCTION) | | POND
(89% TSS REDUCTION) | DIRECTION OF FLOW |

150' ELECTRICAL TRANSMISSION EASEMENT VOL. 10163 PG. 630

N 28° 42' 31.36" W

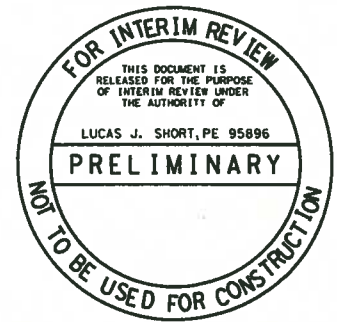
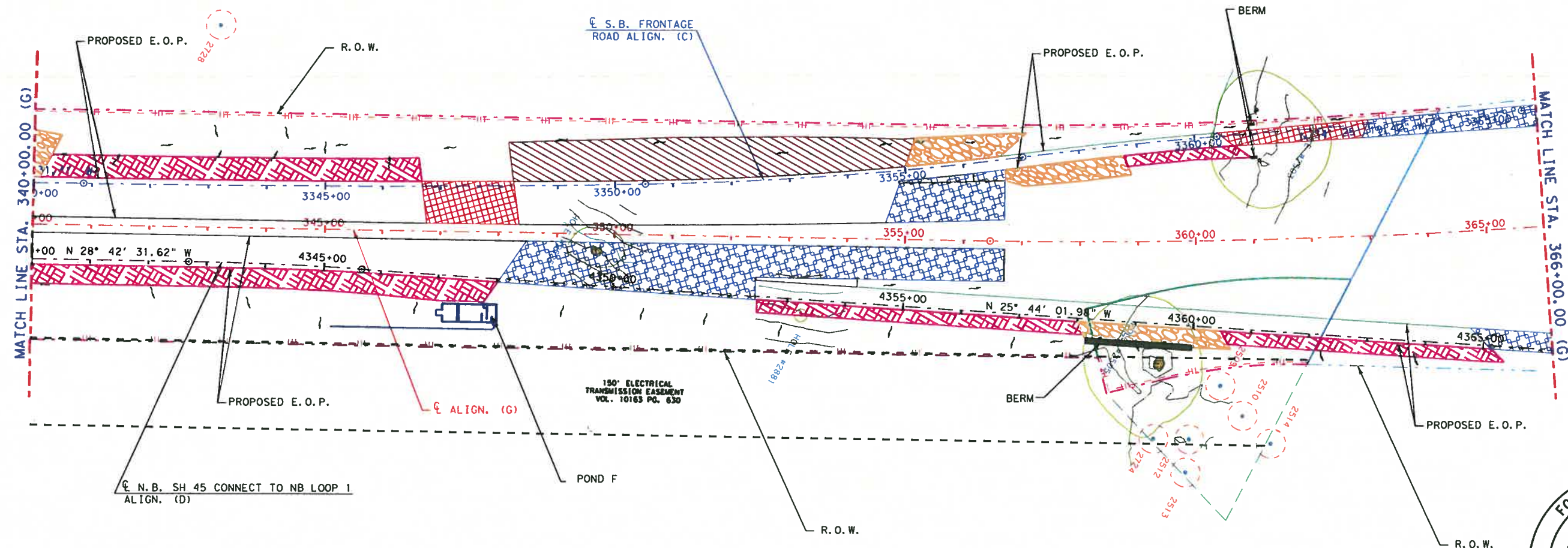
N.B. SH 45 CONNECT TO NB LOOP 1 ALIGN. (D)

SH 45
TSS
LAYOUT
 SCALE: 1" = 200'

Texas Department of Transportation

SHEET 6 OF 8

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6			
STATE	STATE DIST. NO.	COUNTY	
TEXAS	14	TRAVIS	
CONT.	SECT.	JOB	HIGHWAY NO.
1200	06	004	SH 45



LEGEND

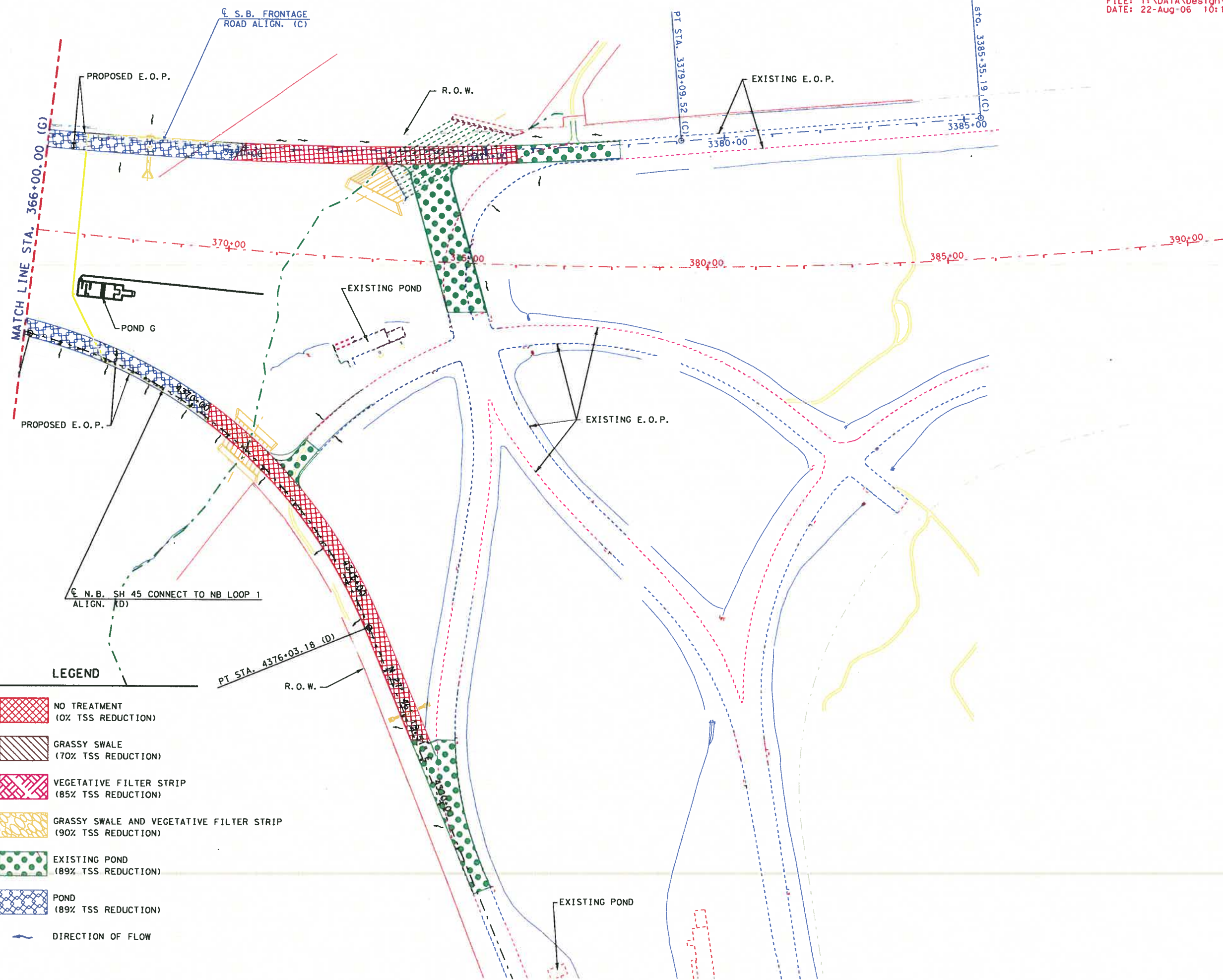
- | | | | |
|--|--|--|---|
| | NO TREATMENT
(0% TSS REDUCTION) | | GRASSY SWALE AND VEGETATIVE FILTER STRIP
(90% TSS REDUCTION) |
| | GRASSY SWALE
(70% TSS REDUCTION) | | EXISTING POND
(89% TSS REDUCTION) |
| | VEGETATIVE FILTER STRIP
(85% TSS REDUCTION) | | POND
(89% TSS REDUCTION) |
| | | | DIRECTION OF FLOW |

SH 45
TSS
LAYOUT

SCALE: 1" = 200'

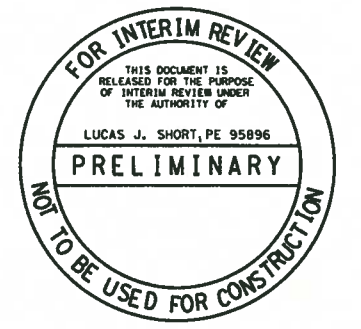
Texas Department of Transportation

SHEET 7 OF 8			
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.	
6			
STATE	STATE DIST. NO.	COUNTY	
TEXAS	14	TRAVIS	
CONT.	SECT.	JOB	HIGHWAY NO.
1200	06	004	SH 45



LEGEND

-  NO TREATMENT
(0% TSS REDUCTION)
-  GRASSY SWALE
(70% TSS REDUCTION)
-  VEGETATIVE FILTER STRIP
(85% TSS REDUCTION)
-  GRASSY SWALE AND VEGETATIVE FILTER STRIP
(90% TSS REDUCTION)
-  EXISTING POND
(89% TSS REDUCTION)
-  POND
(89% TSS REDUCTION)
-  DIRECTION OF FLOW



**SH 45
 PROJECT
 LAYOUT**
 SCALE : 1" = 200'

Texas Department of Transportation
 SHEET 8 OF 8

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6			
STATE	STATE DIST. NO.	COUNTY	
TEXAS	14	TRAVIS	
CONTR.	SECT.	JOB	HIGHWAY NO.
1200	06	004	SH 45