Managing our TEXAS Pavements

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Sealcoat Material Selection Table:

Purpose:

- Give Suppliers and Contractors more options
- Promote cost savings through competition
- Ensure Preservation funding is spent economically

Form 2388
(Rev. 09/10)
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Seal Coat Material Selection Table

Contractor:
1) Provide materials according to the alternates selected for the roadway tier designations specified at various roadway locations shown on the plans;
2) Alternately supply selected binders from a higher tier, but payment will only be made for the tier specified; and
3) Adhere to the application season selected.

☐ Tier 1: Heavy Use (>5,000 ADT)		
Asphalt	☒ A-R Ty II ☐ A-R Ty III ☐ SP 300-	☒ AC-20-5TR ☒ AC-20XP ☒ AC-15P
Aggregate Type	☒ Ty PB ☐ Ty PL	
Aggregate Grade	☐ 3S ☐ 3non-lw ☐ 3 lw ☐ 4S ☐ 4 ☐ SP 302-	☐ 3S ☐ 3non-lw ☐ 3 lw ☐ 4S ☐ 4 ☐ 5S ☐ 5 ☐ SP 302-
Aggregate SAC	☐ A ☐ B	

☒ Tier 2: Moderate Use (1,000-5,000 ADT) Use selected Tier 2 materials or any Tier 1 materials selected above				
Asphalt	☒ AC-10-2TR ☒ AC-15P ☒ AC-20XP ☐ SP 300-		☐ CHFRS-2P ☐ HFRS-2P ☐ CRS-2P ☐ SP 300-	
Aggregate Type	☒ Ty PB ☐ TyB ☐ Ty PL ☐ Ty L		☐ TyB ☐ Ty L	
Aggregate Grade	☐ 3S ☒ 3non-lw ☐ 4 ☐ 5S	☐ 3 lw ☐ 4S ☐ 5 ☐ SP 302-		
Aggregate SAC	☒ A ☐ B			

☒ Tier 3: Light Use (<1,000 ADT, Underseal) Use Tier 3 materials or any Tier 1 or Tier 2 materials selected above				
Asphalt	☒ AC-10-2TR ☒ AC-10 /2%SBR ☒ AC-10 ☒ AC-5 w/2%SBR ☐ SP 300-		☐ CHFRS-2P ☐ SP 300- ☐ CRS-2P ☐ HFRS-2P ☐ CRS-2 ☐ HFRS-2	
Aggregate Type	☒ Ty PB ☐ TyB ☐ Ty PL ☐ Ty L		☐ TyB ☐ Ty L	
Aggregate Grade	☐ 3S ☒ 3non-lw ☐ 4 ☐ 5S	☐ 3 lw ☐ 4S ☐ 5 ☐ SP 302-		
Aggregate SAC	☐ A ☒ B			

Seal Coat Seasons	
☒ Season 1:	May 15 to Aug 31
☐ Season 2:	May 1 to Aug 31
☐ Season 3:	May 1 to Sept 15
☐ Season 4:	Apr 15 to Sept 15
☐ Season 5 (project defined as follows):	to

Contact/Help

2011 Lettings

- Increased Competition
- Asphalt bid price 21 percent lower
- Current year savings = 8.37 M

How do we get the most for our money?

- Let market drive efficiency by using:
  - Alternates Tier System - Asphalt/Aggregate
  - Addition of Alternate locations

Seal Coat Alternate Locations

TxDOT has a method to:
Add roads to the seal coat project at letting,
if the base bid list of roads is under budget.

How do we adjust to fluctuating asphalt prices?

- Add Alternates
  - Base bid will be authorized amount- contractors know this amount
  - If base bid exceeds authorized amount, follow standard process . If under,
  - Add alternates

How do we adjust to fluctuating asphalt prices?

- Once authorized amount is exceeded- stop, and back up one alternate. Low bidder determined at this point.
- Mobilization in base bid only.
- Barricades for each alternate

Example

- Authorized amount of contract is $100
  - Bidder A base bid is $90
  - Bidder B base bid is $105
  - Bidder C base bid is $85
    - Add in Alt 1
      - Bidder A revised bid is $ 90 (base) + $3 (Alt 1) = $93
      - Bidder B- over authorized amount
      - Bidder C revised bid is $85 + $9 = $94
    - Add in Alt 2

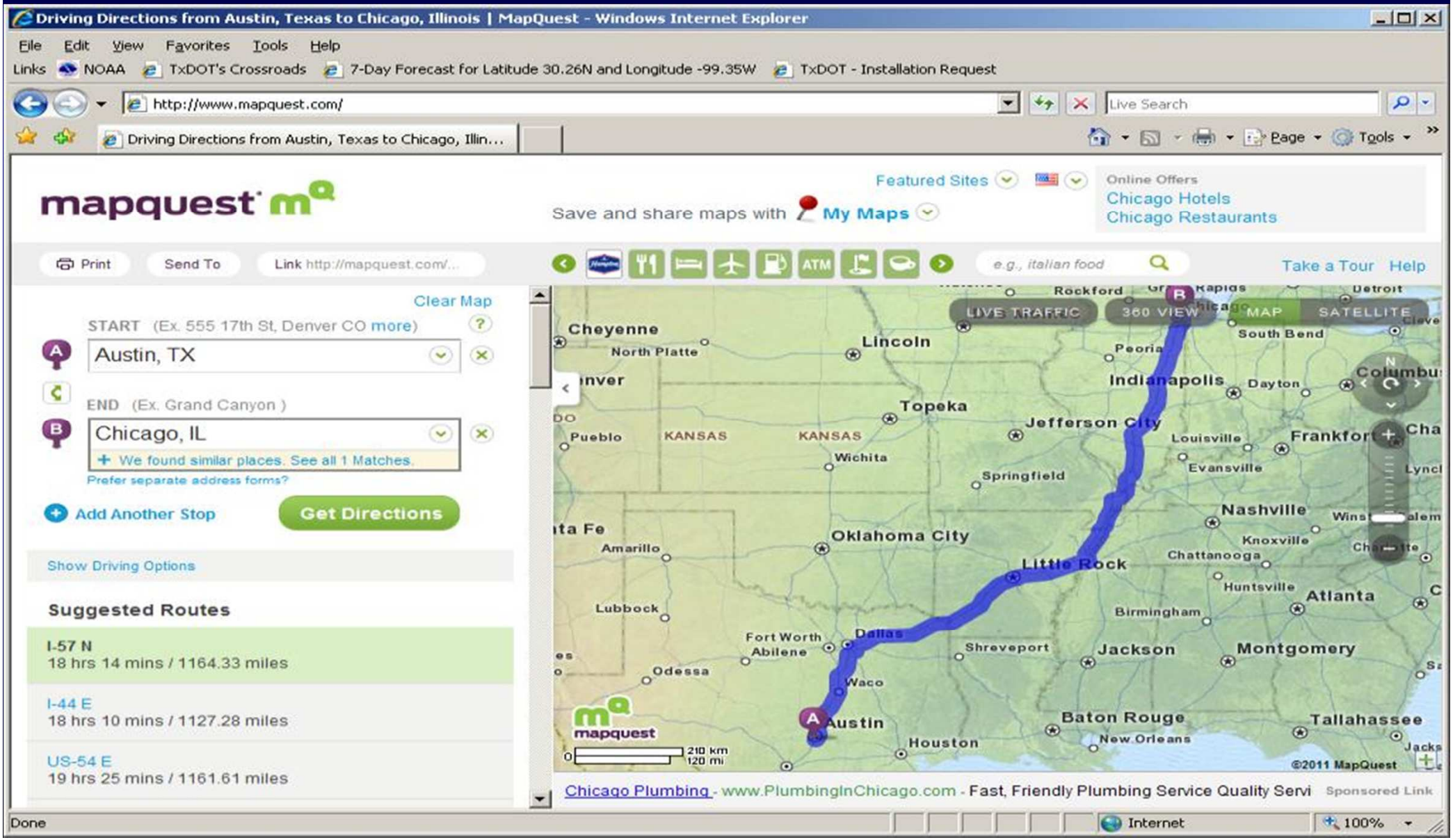
Example

- Add in Alt 2
  - Bidder A Revised Bid = $93 + $6= $99
  - Bidder C Revised Bid = $94 +$3= $96
- Add in ALT 3
  - Bidder A Revised Bid = $99 + $3= $102
  - Bidder C Revised Bid = $94 +$7= $101
  - Both bids over authorized amount, back up one step.
  - Apparent winner- Bidder C

Why?

- Do more – do it now.
  - In 2010, approximately 16 million dollars was not spent in seal coat program. At 2.00/SY, that equates to 1130 lane miles.

Austin to Chicago = 1130 miles



Questions?